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Greetings from
"TULIPDOM"

1948

ZANDBERGEN BROS., Inc.
Oyster Bay, Long Island, New York
RHYNLANDT BULB NURSERIES
Valkenburg, near Leiden, Holland

"Tulipdom" Announces

LOVERS of spring flowers are happy to know that Holland bulbs are here again. The finest tulips and narcissus, hyacinths and crocuses, with all the charming tiny things, are ready for shipment now. It is a real pleasure to present these flowers to you in the pages of this catalog.

We are in a position to offer the best strains of each and every variety, carefully packed by our skilled gardeners. The reasonable prices asked for them will appeal to you. As in the past, your order will receive my personal care to insure the proper selection and shipment of your favorite bulbs.

While we have a good supply, I suggest that you place your order before August 1 to avoid unnecessary delay and also to be sure of getting the exact variety you want.

We are glad to share with our customers our enthusiasm for Holland bulbs. Our present offerings promise you a beautiful garden.

C. Zandbergen

ZANDBERGEN BROS., INC., "Tulipdom" OYSTER BAY, N. Y.



Due to the fact that a new classification of tulips and daffodils are being prepared by the Royal Horticulture Society, which will be used for the first time in 1949, we decided not to print a new catalog this year but prepare a more complete and up to-date book for the 1949 season.

No worthwhile new varieties within reasonable price have come out this year and there will be no change in prices.

The Easy Way to Choose TULIPS



This genuine Dutch windmill marks the entrance to "Tulipdom"

This page should be of special interest to those who find it difficult to choose. These varieties afford a glorious color scheme, blending in perfect harmony.

Each variety will bear extra choice flowers of great substance and beauty. More detailed descriptions may be found under the various classes. (See index, page 31.)

DE LUXE COLLECTION

- DILLENBURG.** Bronze.
ECLIPSE. Glowing dark blood-red.
GLACIER. White.
GOLDEN AGE. Yellow suffused soft orange.
INDIAN CHIEF. Reddish mahogany.
INSURPASSABLE. Lilac.
MRS. JOHN T. SCHEEPERS. Soft yellow.
PRIDE OF ZWANENBURG. Pink.
THE BISHOP. Violet-purple.
THE PEACH. Peach-colored.
- 25 bulbs each of 10 choice sorts
 250 bulbs for \$29.75
- 12 bulbs each of 10 choice sorts
 120 bulbs for \$15.75
- 6 bulbs each of 10 choice sorts
 60 bulbs for \$7.85

DAFFODILS REALLY WORTH GROWING DE LUXE COLLECTION

- ACTAEA.** Poeticus.
CHEERFULNESS. Double Poetaz.
EARLY PERFECTION. Poetaz.
FIRETAIL. Barrii.
HELIOS. Incomparabilis.
KING ALFRED. Trumpet, yellow.
MRS. E. H. KRELAGE. Trumpet, white.
ORANGE GLOW. Incomparabilis.
ROBERT SYDENHAM. Trumpet.
THALIA. Triandrus.
- 25 bulbs each of 10 choice sorts
 250 bulbs for \$42.85
- 12 bulbs each of 10 choice sorts
 120 bulbs for \$22.25
- 6 bulbs each of 10 choice sorts
 60 bulbs for \$11.15

TULIPS - How Many Bulbs to Order for Beds of a Specific Size

Below we give the number of bulbs needed to plant a circular bed of the dimensions stated. Plant outside rows first, placing the bulbs 3 inches from edge of bed. It is advisable to plant the outer rows more closely than those toward the center.

Diameter of bed	6 in. apart	8 in. apart	12 in. apart	Diameter of bed	6 in. apart	8 in. apart	12 in. apart
3 feet	28	16	7	12 feet	452	255	113
4 feet	48	27	12	13 feet	528	299	132
5 feet	80	44	20	14 feet	612	347	153
6 feet	112	64	28	15 feet	704	398	176
7 feet	152	87	38	16 feet	804	453	201
8 feet	200	113	50	17 feet	904	511	226
9 feet	256	143	64	18 feet	1016	573	254
10 feet	320	177	80	19 feet	1132	638	283
11 feet	380	214	95	20 feet	1256	707	314

To arrive at the number of bulbs required for an oval bed, add the length and breadth and divide by two, using the result as the diameter in above table. A bed 6 feet wide by 8 feet long will require the same number of bulbs as a round bed 7 feet in diameter. ($6 + 8 = 14$; divided by 2 gives 7.)



Please Note . . .

Were we permitted to have our way, we would no longer offer a good many so-called "old-fashioned" favorites. Many quite reasonably priced newer varieties are far ahead of them in every respect. We do not offer novelties of questionable merit. Once you see a variety offered in our catalog, you can be sure that it deserves your consideration and trial.

We are tempted to pronounce Tulips the most spectacular of all spring flowers for a number of reasons. In the first place, they bring us a blaze of colors when the heart is starved by the drab and dreary winter months. Their range of colors is perfectly amazing, from clear white to deepest purple and maroon, including many superb vari-colored combinations. By a judicious selection of early, midseason and late varieties, Tulips may be enjoyed for the best part of six weeks outdoors, with an additional two months added when the gardener forces suitable sorts indoors.

CULTURE

Tulips should not be planted where they have been grown for two years previously. They do best in fresh soil or in beds where the soil has been changed. Growing them in the same place for more than two years will lead to failure in the end.

Do not use fresh stable manure at planting time, for it is injurious to the roots. Well-rotted manure will prove beneficial. Bonemeal or dried sheep manure also can be used, about three handfuls to the square yard. This must be thrown on top of the soil before planting.

Nearly all Tulips should be planted outside about 5 inches deep and 6 inches apart, according to the size of the bulb. They should be planted four to six weeks before severe frost sets in. For best results, do not mulch them until after the soil has become frozen, to keep out mice, etc., and do not mulch them too heavily; $\frac{1}{2}$ inch will prove quite enough. Old cow manure, peat moss, salt hay or leaves may be used for this purpose.

Darwin Tulips

The chief characteristics of the Darwins are the perfect cupped shape of the flowers, fleshy substantial petals, tall stems, and bright colors ranging through all the shades of pink and red to purple. There are certain slaty blues and blue-violets that might almost be called blue, while the black Tulip is nearly realized in some of the dark maroon varieties. There are comparatively few pure yellow varieties. Most Darwins can be forced by the middle of February, many of them even earlier, provided that they are potted as soon as received.



AFTERGLOW
See page 6



MARGAUX
See page 7

The bulbs must be set farther apart than is the case with the early Tulips, and plenty of room on the benches must be given when vigorous growth begins. They should be grown slowly under a moderate temperature. Too high a temperature should be avoided, or poor flowers result.

Nearly all varieties, but especially the mauve-colored ones, lose their true color and become much paler when forced.

An asterisk (*) preceding the name indicates that it may be successfully forced. The figure following indicates the relative time of flowering. All varieties of Tulips, Narcissus and Hyacinths are listed in the order of their respective merits, regardless of price. The variety which, in our opinion, is the choicest of its class is listed first, the second best is second, etc.



GLACIER
See page 7

DARWIN TULIPS

Red and Cherry-Rose

- ***ECLIPSE 2.** Glowing dark blood-red with steel-blue base. The huge, magnificent flowers of open form are supported by strong, tall stems. Height, 30 inches. \$1.85 per dozen, \$14 per 100.
- CHARLES NEEDHAM 3.** Brilliant red flower of large size carried on a strong stem. One of the best red Darwins; holds its color very well even in full sunshine. Height, 28 inches. \$1.85 per dozen, \$14 per 100.
- MASTERPIECE 2.** Brilliant red—one of the largest red Tulips. Huge flower of wonderful substance and form on a tall, strong stem. Height, 30 inches. \$1.85 per dozen, \$14 per 100.
- QUEEN OF NAPLES 2.** Vermilion-red, white base and blue halo. Large flower carried on a strong, tall stem. Height, 30 inches. \$2.10 per dozen, \$16 per 100.
- ***KING GEORGE V 2.** Glowing salmon-scarlet, shaded bright rose, blue star at base. The flowers are enormous and of great substance, carried on sturdy stems. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***CITY OF HAARLEM 3.** Intense dark scarlet with dark bloom, large steel-blue base and white halo. Prefers well-sheltered situations, since the brittle stem breaks off easily. Height, 31 inches. \$1.65 per dozen, \$12.50 per 100.
- PRESIDENT TAFT 3.** Deep ox-blood-red, with dusky bloom, blue base; large flower on an exceptionally strong stem. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- ***PROFESSOR RAUWENHOF 2.** Bright cherry-red; inside glowing scarlet, blue center. Good-sized flower of great substance on a strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***WILLIAM PITT 2.** Very dark crimson, with purplish shade on outer petals; white base, starred dull blue. One of the best forcing varieties. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- ***FARNCOMBE SANDERS 2.** Brilliant rosy red with a clear white base. A most effective flower of perfect shape. Height, 30 inches. \$1.60 per dozen, \$12 per 100.
- PRIDE OF HAARLEM 1.** Brilliant rose-carmine, blue base. Large, stately flower. One of the oldest Darwins. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- KING HAROLD 3.** Deep ox-blood-red, with purple-black base. Similar in color to Eclipse, but smaller flower. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

Violet-Rose

- DRESDEN CHINA 2.** Soft lilac-rose, resembling the color of the well-known Dresden China. A beautiful Darwin with elegantly shaped flower and clear color. Height, 28 inches. \$1.85 per dozen, \$14 per 100.
- ***LA FIANCEE 2.** Deep rose, shading to old-rose, delicate pink at edges, blue base. Huge flower on a tall stem. Plant in sheltered position, because the stem breaks easily in rainy weather. Height, 32 inches. \$1.85 per dozen, \$14 per 100.
- ***MATCHLESS 3.** Violet-rose, with a narrow pale rose margin; strong stem. Height, 20 inches. \$1.85 per dozen, \$14 per 100.

Rose with Paler Margains

- ***PRIDE OF ZWANENBURG 3.** Salmon-pink with narrow margin of blush-rose. The large flower is carried on a strong stem. One of the finest pink Tulips, especially recommended for exhibition. Height, 28 inches. \$1.85 per dozen, \$14 per 100.
- ***PRINCESS MARY 3.** Bright carmine-rose with blush-rose margin at edges; white base with a blue halo. Inside, the huge well-formed cup is almost a one-toned color, giving the top of the flower a very glowing, rich rose appearance. One of the most beautiful pink Darwins. Height, 32 inches. \$1.85 per dozen, \$14 per 100.

ARISTOCRAT 2. Brilliant pink, shading lighter along the edge; white base. Large, cup-shaped flower of exceptional vigor carried on tall, strong stem. An improvement on Princess Elizabeth, superior in all respects. Height, 29 inches. \$2.10 per dozen, \$16 per 100.

QUEEN OF ENGLAND 2. Soft clear pink, lighter at edge. A large, perfectly formed flower on a graceful but sturdy stem. Height, 30 inches. \$2.35 per dozen, \$18 per 100.

MR. VAN ZYL 3. Soft rose-pink with broad pink margin. A lovely variety with strong stem, lasting a long time in bloom. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

***PRINCESS ELIZABETH 2.** Clear deep pink, changing with age to rose-pink; white base. A showy bedder and good forcer. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

MRS. HAROLD IRVING PRATT 3. Blending shades of rose and amber flushed with fuchsia-red, margined saffron-yellow at the extreme edge of the petal. Yellow base. Height, 28 inches. \$1.85 per dozen, \$14 per 100.

AFTERGLOW 4. Deep rosy orange with salmon highlights at the edge of the petals. Medium-sized flowers of lasting quality, borne on tall stems. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

Rose without Paler Margains

CAROLINE TESTOUT 2. Soft glistening pink with white base. Of exceptionally fine form and substance, lasting a long time in bloom. One of the best pink Tulips in existence. Height, 30 inches. \$1.95 per dozen, \$15 per 100.

***THE PEACH 1.** A glorious peach-colored Tulip with large white center; large flower carried on a tall, strong stem and lasting a long time in bloom. Height, 27 inches. \$1.85 per dozen, \$14 per 100.

***VENUS 3.** This has been compared to the loveliest of pink June roses. The color is deep pink, flushed with a slightly lighter shade toward edge of inner petals. The large, broad, erect flowers are of exquisite cup shape, held firmly erect by sturdy stems. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

***LA FRANCE 1.** Delicate self-colored pink resembling La France rose. Large, well-formed flower with a white base; tall, strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***MRS. SAMUEL H. TAFT 2.** Apple-blossom-pink, edged with ivory stripes, veined with peach-blossom-pink and white. Huge flower of perfect shape on a graceful stem. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

CLARA BUTT 4. Clear pink, flushed salmon-rose, with blue base and white halo. Medium-sized flower of good form; splendid for outdoor planting. Height, 22 inches. \$1.60 per dozen, \$12 per 100.

Yellow

GOLDEN AGE 3. Opens deep yellow, suffused soft orange when in full bloom. A glorious Tulip of excellent form; strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***NIPHETOS 1.** Glorious lemon-yellow, with creamy white base and anthers; carried on a strong, erect stem. Of perfect form and remarkable texture, lasting a long time in bloom. One of the finest in this color. Height, 29 inches. \$1.85 per dozen, \$14 per 100.

HELEN GAHAGAN 2. Sulphur-yellow changing to creamy white when in full bloom; inside darker lemon-yellow, yellow anthers. Large, egg-shaped flower carried on a tall, strong stem. Height, 30 inches. \$2.60 per dozen, \$20 per 100.

***YELLOW GIANT 3.** Rich deep golden yellow, faintly tipped dark bronze at tip of petals. Broad, well-formed flower on a very strong stem, lasting a long time. This variety has a habit of producing two or more flower-buds in addition to the main bloom. In order to procure a perfect specimen, these buds should be cut off at an early stage. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

White

***GLACIER 3.** Regarded as the largest and most outstanding pure white Darwin in existence; white base and sulphur-white anthers. The oval flowers are enormous in size and carried on tall, strong stems. Of great substance and long-lasting quality, it is a truly fine specimen and highly recommended for exhibition purposes. Height, 31 inches. \$1.85 per dozen, \$14 per 100.

ANNIE SPEELMAN 3. Creamy white, with white base and anthers. Long-lasting, oval-shaped flower of great substance carried on a strong, straight stem. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

***MRS. GRULLEMANS 1.** Large, creamy white flower with pure white base and sulphur-yellow anthers, carried on a tall stem. An outstanding Tulip. Highly recommended for forcing and for the garden. Height, 27 inches. \$1.85 per dozen, \$14 per 100.

***WHITE GIANT 3.** A lovely white Darwin; tall, straight, strong stem. Although not as large as Glacier, it is a superior variety and belongs among the best of the white Darwins. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

ZWANENBURG 3. Pure white when in full bloom, with black anthers. Medium-sized flower on a tall stem. Fine for the garden. Height, 23 inches. \$1.60 per dozen, \$12 per 100.

Purple

***THE BISHOP 3.** The most outstanding variety in its color class. Soft violet-purple, dull blue base and white halo. A truly impressive, large flower of beautiful form; tall, strong stem. Height, 29 inches. \$1.60 per dozen, \$12 per 100.

***GIANT 2.** Deep reddish purple, shaded dark violet, with white base, starred blue. A real giant on a tall, sturdy stem. Height, 29 inches. \$1.85 per dozen, \$14 per 100.

***FAUST 3.** Dark satiny purple with white base. Enormous flower of fine form. Excels for exhibition purposes among the dark varieties. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

***MARGAUX 3.** A huge flower of deep wine-red color, shaded lighter at margin, with blue base. Of good substance, it lasts a long time in bloom. Strong stem. A splendid exhibition variety. Height, 28 inches. \$1.65 per dozen, \$12.50 per 100.

***FRANS HALS 3.** Deep reddish purple. Enormous flower on a strong stem. Plant in partial shade for best results. Height, 29 inches. \$1.60 per dozen, \$12 per 100.

STORM KING 3. Of exceptionally rich, dark wine color—a shade that goes well with such favorites as Cottage Dido or Darwin White Giant. The flowers are of enormous size and great substance, which is responsible for their long-lasting quality. Height, 28 inches. \$1.85 per dozen, \$14 per 100.

***JUBILEE 3.** Bright blue-purple with white base, marked blue. A large flower of superb form and lasting qualities. One of the finest of the blue-purple varieties. Height, 31 inches. \$1.60 per dozen, \$12 per 100.

BURGOMASTER SANDBERG 3. A shade between maroon and violet, with maroon predominating; might be called plum-violet, with a blue base and white halo. Beautifully shaped, large flowers on tall, strong stems. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

ZULU 2. Rich velvety purple-black, egg-shaped flower of medium size with pointed petals; strong stem. Height, 27 inches. \$1.60 per dozen, \$12 per 100.

LA TULIPE NOIRE 3. Very dark maroon-black—the blackest of all Tulips. Often bears more than one flower, which detracts from its beauty. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

Lilac

***INSURPASSABLE 2.** Lilac Tulip of fine form and great substance carried on a tall, strong stem. Highly recommended for early forcing and exhibition. Height, 28 inches. \$1.85 per dozen, \$14 per 100.

***MME. BUTTERFLY 3.** Lilac-mauve with paler edge. Huge flower on a tall, strong stem. A leading variety for the garden and for forcing. Height, 30 inches. \$1.75 per dozen, \$13 per 100.

***ZEV 3.** Silvery lavender, shading to purple tones at the base of the flower, with flushes of pink, gray, and silver. The inside of the cup is white with royal purple stamens. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

***ANTON MAUVE 2.** Rich violet-purple, shaded dull garnet, slightly paler at edges. Well-shaped flower of good substance. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

BLEU AIMABLE 3. Pale lavender, shaded steel-blue, with white base, starred blue. Good-sized flower of a very distinct shape. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

***PRESIDENT HARDING 3.** Blue-violet, shading lighter at margin. A well-formed flower of good substance. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

***DUCHESS OF HOHENBERG 2.** Pale slaty lilac-mauve, with stripe of rosy heliotrope; inside pale lilac with white base. Height, 29 inches. \$1.85 per dozen, \$14 per 100.

***WILLIAM COPELAND 1.** Not recommended for outdoors, but of excellent early forcing qualities, when its color becomes a soft lavender. Height, 25 inches. \$1.60 per dozen, \$12 per 100.

ROSE COPELAND 2. A sport of the well-known William Copeland, with the same excellent forcing qualities. A lovely lilac-rose. Height, 27 inches. \$1.60 per dozen, \$12 per 100.

REVEREND EWBANK 2. Soft lavender-violet, lighter at edges; small flower. Height, 23 inches. \$1.60 per dozen, \$12 per 100.

DARWIN MIXTURE

Selected bulbs, all colors, representing many varieties.
\$1.35 per dozen, \$10 per 100.

BREEDER TULIPS

Discarded by their originators, the old Dutch gardeners, because they had no stripes or feathers, the Breeders were more or less neglected and grown only in some obscure corners, until an appreciation for the so-called "art colors" awakened. With the revival of the taste for bronze, brown and buff tones, attention was drawn to these Tulips, which have now become the most popular late Tulips. And they deserve their popularity, not only for their peculiar and odd colors, but also for their great lasting qualities. In size and height they frequently surpass even the finest Darwins.

Bronze and Buff

***TANTALUS 3.** Cup-shaped flower of light cadmium-yellow flushed slaty violet; yellow base. Large, well-formed flower of great substance carried on a tall, strong stem. An outstanding exhibition variety. Height, 29 inches. \$1.95 per dozen, \$15 per 100.

***ADMIRAL TROMP 2.** One of the finest Breeders. The color is a beautiful orange flushed salmon, paler at edge of petals. Large flower of very good form and substance on a tall, strong stem. Height, 32 inches. \$1.95 per dozen, \$15 per 100.

***CHERBOURG 1.** Deep golden yellow, growing deeper at the edge of petals, with a flush of deep terra-cotta along the outside center of each petal. Cup-shaped flower of enormous size, with smoothly overlapping petals. Especially recommended for forcing. Height, 27 inches. \$1.95 per dozen, \$15 per 100.

***DILLENBURG 2.** Self-colored warm glowing orange with yellow base and showy black anthers. Large flower of elegant shape and distinct coloring. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***ALICE KEITH 3.** The color is bright bronze, flushed terra-cotta along the outside of each petal. Medium-sized flower carried on a strong stem. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

***JAMES A. MACDONALD 3.** Orange-flame inside the cup, shading to light orange at petal edge. Outside, the orange is blushed with salmon and mauve; yellow base. Long-stemmed variety, particularly good for forcing. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

BROCADE 3. Large, well-formed flower of superb golden yellow, flushed deep bronze on the outer petals. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

Continued on page 10

TANTALUS
See page 7



THE BISHOP
See page 7

Nature's spring flower show is in full swing when the Tulips flaunt their bold colors on the May landscape. They make magnificent pictures when at least a dozen of a variety are planted together. A foliage background sets off the colors best.



INDIAN CHIEF
See page 10



MARJORIE BOWEN
See page 11

THE PEACH
See page 6



DIDO
See page 11



Beautiful TULIPS for your Garden
from
"Tulipdom"



LOUIS XIV
See page 10



ECLIPSE
See page 6

BREEDER TULIPS

GOLDFINCH 2. Golden brown, mahogany-brown inside. The effect is heightened by a suffusion of olive tints through center of petals, which are edged light golden brown. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

***BRONZE QUEEN 3.** Soft buff, tinged inside with golden bronze; yellow base. Height, 26 inches. \$1.85 per dozen, \$14 per 100.

YELLOW PERFECTION 2. Bronze-yellow, shaded deep gold, edged lighter; yellow base starred green. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

Scarlet, Bronze and Brown

***INDIAN CHIEF 4.** Reddish mahogany, flushed purple, edged warm brown when in full bloom; yellow base. A tall variety of striking color and one of the largest Tulips in cultivation. Height, 34 inches. \$1.85 per dozen, \$14 per 100.

***LOUIS XIV 4.** Dark purple flushed bronze, with broad margin of golden brown. The base is green-black starred yellow. Considered by many to be one of the most artistic Tulips in existence. Height, 32 inches. \$1.85 per dozen, \$14 per 100.

***PRINCE OF WALES 2.** Maroon-brown, edged coffee-brown, with black base, starred yellow. An attractive flower of flat, open form on a tall, strong stem. Height, 31 inches. \$1.85 per dozen, \$14 per 100.

CUNERA 3. Purplish bronze, yellow base. A very large flower carried on a tall, straight stem; fine for the garden. Height, 33 inches. \$1.95 per dozen, \$15 per 100.

***LUCIFER 4.** A large, late-blooming flower on a long, strong stem. Dark orange, flushed rose, edged scarlet-orange, with yellow base and olive halo. Height, 28 inches. \$1.95 per dozen, \$15 per 100.

TURENNE 2. Purplish brown with broad margin of soft yellow; yellow base. Very large flower. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

***ROI SOLEIL 3.** Like Louis XIV, of which it is a sport, this is a large flower of dark purple, flushed bronze. Violet striped and flamed with mahogany. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

***DOM PEDRO 3.** Coffee-brown, with a narrow edge of golden brown; inside rich mahogany, olive base; fragrant. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

***PANORAMA 3.** Deep orange, shaded mahogany. Very large, globular flower; one of the best Breeders for forcing. Height, 22 inches. \$1.60 per dozen, \$12 per 100.

PRINCE OF ORANGE 3. Brilliant orange-scarlet, flushed purple on outer petals. Medium-sized flower. Fine for beds or borders. Height, 25 inches. \$1.95 per dozen, \$15 per 100.

Purple and Violet

STEPHANIE 3. Bright violet, shaded pale lilac, bluish white base. Very large flower of fine shape on tall, straight stem. Height, 32 inches. \$1.85 per dozen, \$14 per 100.

AUGUSTUS 3. Deep lilac, flushed purple, with white base. Large, well-formed flower of unusual substance. Height, 30 inches. \$1.85 per dozen, \$14 per 100.

LOUIS SIXTEEN 3. Very large, violet-blue flower. Height, 26 inches. \$2.35 per dozen, \$18 per 100.

***DE ZWIJGER 3.** Large, cup-shaped flower of striking color. Very dark purple, white base and blue halo. Height, 28 inches. \$1.85 per dozen, \$14 per 100.

BLOIS VAN AMSTEL 3. Violet-blue shading lighter at edges, with bright blue base. A magnificent flower of medium size on strong stem. Height, 30 inches. \$1.95 per dozen, \$15 per 100.

MINERVA 3. Bright bluish violet, edged bronze; yellow base. A distinctive variety on tall, strong stem. Height, 30 inches. \$2.10 per dozen, \$16 per 100.

BACCHUS 3. Dark plum-violet; inside violet-blue with white star at base. Very large, egg-shaped flower, with slightly frilled petals. Height, 30 inches. \$1.60 per dozen, \$12 per 100.

VELVET KING 3. Large, glossy maroon-purple, with yellowish base, marked blue, and having an extra number of petals. Very fine for the border. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

Lavender

GEORGE GRAPPE 3. Soft mauve, clear blue base. An exceptionally large flower of fine form carried on a very tall, strong stem. Height, 32 inches. \$1.85 per dozen, \$14 per 100.

THOMAS STEPHENSON 3. Soft lavender, delicately feathered red; blue base. Large flower of good substance on tall, strong stem. Height, 33 inches. \$1.85 per dozen, \$14 per 100.

Pink

***PINK PEARL 3.** Lilac-pink with rose bloom; snow-white base. Height, 30 inches. \$1.95 per dozen, \$15 per 100.

MIXTURE OF BREEDER TULIPS

Selected bulbs, all colors. Consisting of a great many varieties.
\$1.35 per dozen, \$10 per 100.

COTTAGE TULIPS

The term "Cottage" Tulips is of quite recent origin. The fact that they are probably the longest lived and most lasting of all Tulips caused many of them to be planted around the country houses and cottages of England and France. All colors imaginable can be found here, and most varieties have long stems, some gracefully drooping. They form excellent cut-flower material and are unsurpassed for garden decoration.

White

***ALBINO 2.** Pure white, with ivory stamens. Very conspicuous for size of bloom; an exquisite variety for forcing and the border. Height, 22 inches. \$1.60 per dozen, \$12 per 100.

***WHITE DUCHESS 2.** Snow-white with broad, slightly ruffled and recurving petals flushed soft green in center. A large, graceful flower carried on a tall, strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

VESTA 3. Pale sulphur on opening, turning to pure white when in full bloom. The large, well-shaped flowers are carried on strong stems. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***CARRARA 3.** Another glistening snow-white beauty greatly enhanced by prominent yellow stamens. The flowers are large, with broad, round petals of pronounced substance; hence the blooms last a long time. Fine forcer. Height, 20 inches. \$1.60 per dozen, \$12 per 100.

White Edged Pink

PINK DELIGHT 3. White with delicate red picotee edge. This narrow margin of color gradually suffuses the whole flower when in full bloom, until it becomes rose-pink. One of the largest Tulips in existence. Height, 32 inches. \$2.10 per dozen, \$16 per 100.

PRIDE OF INGLEScombe 3. White, edged carmine-rose, which color suffuses the whole flower as it ages. Of the same type as Picotee, but slightly darker. Height, 23 inches. \$1.60 per dozen, \$12 per 100.

PICOTEE 3. White, margined deep rose, the color suffusing the whole flower as it ages; recurving petals. Fine for cutting. This is one of the most graceful and charming of all Tulips. The swaying stems add to its grace. Place it carefully with relation to other colors. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

Pink and Rose

- ***DIDO 3.** One of the outstanding Tulips in all classes. The deep, rich pink flowers are of glorious shape and color. Each petal is brightened by salmon-yellow shades, suffused with soft orange. And they are fragrant! Height, 30 inches. \$1.60 per dozen, \$12 per 100.
- ***AMBROSIA 3.** Luminous shades of terra-cotta, amber and rose blend in a flower of great size and substance. Either as a cut flower or in the garden it will reign supreme. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***MARJORIE BOWEN 3.** The color is extraordinary—a combination of buff and salmon, passing into deep rose shades with salmon sheen. The large, gracefully shaped flowers are supported by strong, tall stems. Height, 26 inches. \$1.65 per dozen, \$12.50 per 100.
- ***ROSABELLA 3.** The predominant color is bright rose, almost watermelon-pink, shading to pastel pink at edge of petals and ivory-white at the base. It reminds one of a magnolia blossom. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- ***SIRENE 3.** Rich cerise-pink, pale pink at margin, white base. A handsome and distinct Tulip and one of the first to be christened "lily flowering." Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- ***LEDA 3.** Luminous rose-colored Tulip, each petal bordered with lighter rose. The flowers are of exceptional substance. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- SIR HARRY 4.** Pale lavender-pink with yellow base and blue halo. Height, 22 inches. \$1.60 per dozen, \$12 per 100.

Scarlet and Crimson

- ***ADVANCE 1.** Very large flower of deep rose, shading bronze to blue inside. It is bright but pleasing because the bluish sheen of the center tones down the brilliancy. Strong stem; vigorous, upright habit. Similar in color to Mayflower but blooms about one week earlier. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***MAYFLOWER 1.** The largest of all Tulips, and extraordinary in color. Deep rose with purple bloom on outer petals and brilliant blue base. Height, 28 inches. \$1.95 per dozen, \$15 per 100.
- ***G. W. LEAK 2.** Brilliant red with a clear yellow base. Very effective when seen from a distance against a background of evergreens. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***SCARLET GLORY 2.** As bright a scarlet as any lover of color may desire. Very large, attractive flowers, carried on strong stems. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- ***SCARLET EMPEROR 3.** Bright scarlet with a clear yellow base. The flowers are of large size, held upright by strong stems. Height, 23 inches. \$1.60 per dozen, \$12 per 100.

Orange

- REFULGENS 4.** Warm orange, resembling Breeder Lucifer in color but larger. Stem is tall and strong, bearing a very large, egg-shaped flower. Height, 30 inches. \$1.85 per dozen, \$14 per 100.
- ***ARGO 3.** Opening golden yellow, mottled red, suffused orange when in full bloom. Large flower on a tall, strong stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ORANGE KING 4.** Glistening deep orange, shaded rose; inside deep orange-scarlet, with yellow base. Sweet-scented, medium-sized flower. Height, 20 inches. \$1.60 per dozen, \$12 per 100.

Yellow

- ***MRS. JOHN T. SCHEEPERS 3.** Very large, oval-shaped, golden yellow flower of majestic beauty, carried on a tall, strong stem. A great improvement on the older varieties. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- ***MONGOLIA 3.** Huge, egg-shaped flower of attractive deep golden yellow; of great substance and carried on a strong stem. Height, 28 inches. \$1.95 per dozen, \$15 per 100.
- BELLE JAUNE 3.** One of the most pleasing of all deep yellow varieties. This well-formed, egg-shaped flower has a light base and pure yellow anthers and is carried on a strong, tall stem. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

YELLOW EMPEROR 3. Brilliant butter-yellow, large and rather long flower, well formed. Considered by many as one of the best yellows for the garden. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

MR. WENTHOLT 3. A large flower of perfect form, deep aureolin-yellow in color. Strong grower. Height, 27 inches. \$1.95 per dozen, \$15 per 100.

***MRS. MOON 4.** Well-formed, large, vase-shaped flowers of rich golden yellow with recurving petals. One of the most beautiful of all late Tulips. Height, 25 inches. \$1.60 per dozen, \$12 per 100.

***AVIS KENNICOTT 3.** One of the brightest yellow Cottage Tulips. Rich chrome-yellow with black base and anthers. Its large flowers are of decidedly elongated shape. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

***INGLESCOMBE YELLOW 4.** Glossy canary-yellow, occasionally edged and suffused scarlet when in full bloom. Medium-sized, globular flower of perfect form on a strong stem. Height, 23 inches. \$1.35 per dozen, \$10 per 100.

Primrose

***JANE ALDRED 3.** Canary-yellow with black stamens, changing to creamy white when in full bloom; long, strong stem. One of the best Cottages in this color, lasting a long time. Highly recommended for the border. Height, 32 inches. \$1.85 per dozen, \$14 per 100.

GOLDEN STATUE 3. A very large, oval-shaped flower of deep lemon-yellow. Petals are slightly serrated at edge, the inner petals paler than the outer. One of the best late yellow Tulips and a fine exhibition variety. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***ALASKA 4.** Very elegant and graceful, with slightly reflexed petals frequently 5 inches long. One of the most interesting of all canary-yellow varieties, because of its beautiful shape. Height, 25 inches. \$1.60 per dozen, \$12 per 100.

LEMON QUEEN 3. A splendid variety of elegant form and among the best in this color class; especially good in masses. Color pure soft yellow changing to ivory-white when in full bloom; strong stems. Height, 26 inches. \$1.60 per dozen, \$12 per 100.

ARETHUSA 3. Large, cupped flower of very pale primrose tone, shading almost to ivory in the center and base; each petal is edged bright lemon-yellow. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

***MOONLIGHT 2.** Soft luminous canary-yellow. Large, oval-shaped flower, with outer petals reflexing at the tip. Good forcer. Height, 24 inches. \$1.60 per dozen, \$12 per 100.

Various Colors

***DOSIA 1.** Bright red with broad yellow edge. Huge flower of unique coloring and great substance; strong stem. Height, 29 inches. \$1.95 per dozen, \$15 per 100.

***INGA HUME 1.** Red with broad, sharply lined yellow edge. Inside is deep yellow, somewhat suffused red. Large, perfect flower on a strong stem. Lasts a long time in bloom. Height, 24 inches. \$1.95 per dozen, \$15 per 100.

JEANNE DESOR 4. The daintily elongated shape proclaims its Cottage Tulip parentage and the strong, tall stem and bold flower show the Darwin blood of this hybrid. The color is deep orange-yellow, edged scarlet. Height, 28 inches. \$1.60 per dozen, \$12 per 100.

***GRISILDE 1.** White with a faint red spray on center of outer petals; large, greenish black base. The flowers last a long time after being cut. Height, 26 inches. \$1.85 per dozen, \$14 per 100.

VIRIDIFLORA PRAECOX 3. Soft pale green, edged creamy yellow—charming variety of extraordinary coloring. Large flower of erect habit, very fine for late pot culture. Height, 22 inches. \$3.20 per dozen, \$25 per 100.

***ZOMERSCHOON 4.** Elegantly formed flower. Delicate salmon-pink streaked with orange and flame-colored stripes on an old-ivory ground, warmed by a golden glow emanating from the heart of the flower. Displays its beauty best in full sunshine. Height, 18 inches. \$2.60 per dozen, \$20 per 100.

Continued on page 12



KING GEORGE
See page 6



GOLDEN AGE
See page 6



FAUST
See page 7

VARIOUS

CHRYSANTHA. Yellow, flushed red. Charming small flower on a slender stem. Height, 6 inches. \$1.60 per dozen, \$12 per 100.

CLUSIANA. Sometimes called Candlestick or Little Lady Tulip. Glistening white, with a carmine flame on each petal. Should be planted in light soils and sheltered corners. Height, 14 inches. \$2.35 per dozen, \$18 per 100.

EICHLERI. Large, crimson-scarlet flower with a black center marked gold. Height, 12 inches. \$1.60 per dozen, \$12 per 100.

KAUFMANNIANA. The earliest of all Tulips to come into bloom. Large, creamy flower, brilliantly marked with carmine. If left undisturbed, will last for years. Height, 7 inches. \$1.60 per dozen, \$12 per 100.



PARROT TULIP, FANTASY
See page 14

COTTAGE TULIPS Continued

STRIPED BEAUTY 3. Rose, flaked deep crimson and white. Medium-sized, showy flower on a graceful stem. Height, 18 inches. \$1.60 per dozen, \$12 per 100.

CHAMELEON 3. Pale heliotrope, flaked maroon; canary-yellow base. One of the most striking Tulips in existence. Height, 18 inches. \$1.95 per dozen, \$15 per 100.

TWILIGHT 2. Violet-mauve, edged brown, striped and flamed dark violet; white base with striking white midrib. Medium-sized flower. Height, 23 inches. \$1.85 per dozen, \$14 per 100.

COTTAGE MIXTURE

Selected bulbs, all colors, consisting of a great many varieties. \$1.35 per dozen, \$10 per 100.

REMBRANDT TULIPS

The Rembrandt Tulips comprise a strain of variegated or "broken" Darwin Tulips, but the flowers are not so large.

NAMED VARIETIES. \$1.60 per dozen, \$12 per 100.

SPLENDID MIXTURE. \$1.60 per dozen, \$12 per 100.



CLUSIANA
See page 12



KAUFMANNIANA
See page 12

WILD TULIPS

KAUFMANNIANA PRIMROSE. Primula-yellow, with yellow center. Height, 8 inches. \$1.95 per dozen, \$15 per 100.

PRAESTANS. Brilliant orange-red, often bearing two or more flowers on a stem. Height, 10 inches. \$1.60 per dozen, \$12 per 100.

RED EMPEROR (Madam Lefebvre). A greatly improved Fosteriana. One of the largest and most magnificent of all species Tulips. The flowers are glossy orange-scarlet; handsome black base bordered yellow. Height, 18 inches. \$2.60 per dozen, \$20 per 100.



PARROT TULIP, BLUE PARROT
See page 14



MRS. MOON
See page 11

TRIUMPH TULIPS

Triumph Tulips are a new race, hybrids of Single Early and Darwin Tulips. From the Single Early parents they inherit earliness and from the Darwins stateliness. The result is something entirely novel and worthwhile—Tulips that bridge the gap between the early and late kinds. They bloom about ten days earlier than the May-flowering varieties. They have strong, tall stems, and some of the most beautiful colors are found in this class. All force readily.

- ***ALBERIO.** Cherry-red with a distinct narrow white edge. A fine large flower and a sturdy grower. Very colorful and showy. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- ***CRATER.** Dark vermilion-red, shading lighter at edges. A well-shaped flower that forces very readily. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- DENBOLA.** Dark amaranth-red with a broad edge of creamy white and a bluish white base. A good-sized flower of open form. Height, 20 inches. \$1.60 per dozen, \$12 per 100.
- ***ELIZABETH EVERS.** Fuchsia-rose faintly feathered silvery white from the tip of petals to the base. Very large flower of good shape carried on a strong stem. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- ***ELMUS.** Warm carmine-red, deeply edged white. Very large, globular flower with pure white base; tall, strong stem. Especially recommended for the garden. Height, 26 inches. \$1.60 per dozen, \$12 per 100.
- JOHANNA.** Salmon-rose with white base. Regarded as the finest pink Triumph Tulip in respect to color, form and size of bloom. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- ***KANSAS.** Large, snow-white flower carried on a strong stem. One of the finest white Triumphs. Good forcer. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- ***KORNIFORUS.** Regarded as the best Triumph—clear red with white base. Very large flower carried on a very strong, tall stem. One of the earliest forcers. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- ***NIVEA.** Very large flower of purest white, of fine substance and long-lasting quality. The best of the white Triumphs. Extra good forcer. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- ***NOVA.** Soft lilac-rose color and very large flower of beautiful form. Lasts a long time in bloom. One of the most outstanding varieties and especially recommended. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- ***PRES. VON HINDENBURG.** Garnet-red, flushed purple, with a yellow edge. A very large flower. Height, 22 inches. \$1.60 per dozen, \$12 per 100.
- SYRIUS.** Dark mulberry, shaded warm old-rose at edges. Very large, attractive flower on a strong stem. Extra. Height, 28 inches. \$1.60 per dozen, \$12 per 100.
- ***TELESCOPIUM.** Reddish violet. A well-shaped Tulip of large size carried on a very strong stem. Height, 24 inches. \$1.60 per dozen, \$12 per 100.
- ***URSA MINOR.** Golden yellow, long, elegantly shaped flower on a strong stem. Excellent forcer. Height, 18 inches. \$1.60 per dozen, \$12 per 100.

PARROT TULIPS

When still in bud the flower looks somewhat like the head of a parrot, hence the name. Blooms are brilliantly colored and artistically shaped, which makes them particularly appealing for home decoration. They may be forced slowly, by late February; for this purpose only strong bulbs should be used.

- BLUE PARROT 3.** Sport of Darwin Tulip Bleu Aimable. Lavender shaded steel-blue. An immense flower with ruffled edge instead of the deeply lacinated edge of most Parrot varieties. Strong stem. Height, 20 inches. \$3.20 per dozen, \$25 per 100.
- ***FANTASY 3.** A sport from the well-known Darwin Tulip Clara Butt. Very large flower carried on a strong, erect stem. Inside, the cup is velvety rose color, showing well through the open flower. Apple-green markings on outside make this one of the most unique Tulips. Height, 20 inches. \$1.60 per dozen, \$12 per 100.
- GADELAN 3.** Blending shades of blue and violet with emerald-green blotches and white edge. Inside of flower shows bright violet-purple, white base, and contrasting black anthers. Similar to the orchid *Cattleya*. It measures 6 to 7 inches across when fully developed, the strong, sturdy stem holds the flower erect above the foliage. Height, 20 inches. \$3.20 per dozen, \$25 per 100.
- LADY DERBY 2.** Parma violet with pale markings and white edge; center white with narrow blue edge. A graceful sport of Darwin Tulip Circe. Height, 20 inches. \$3.20 per dozen, \$25 per 100.
- RED CHAMPION 3.** Large, cochineal-red, flushed scarlet, with petal edges deeply cut and somewhat lighter in color. The strong, tall stem makes it ideal for garden use or cutting. Height, 24 inches. \$4.35 per dozen, \$35 per 100.
- SUNSHINE 3.** This deep golden yellow novelty is a sport of Cottage Bouton d'Or. Considered by many as one of the most outstanding Parrot Tulips. Strong, erect stem. Height, 20 inches. \$3.80 per dozen, \$30 per 100.
- THERESE 2.** This exquisite variety is a sport of the well-known Darwin Farncombe Sanders. The immense flower is brilliant rosy red with white center marked blue and is almost square in shape when fully open. One of the most admired Tulips in this class. Height, 26 inches. \$3.10 per dozen, \$24 per 100.

SINGLE EARLY TULIPS

Just as the daffodils pass out of the garden picture, these early Tulips enter, to help prolong spring joys. This group includes some of the gayest-colored of all Tulips. Most early Tulips grow readily in pots or pans indoors. All furnish excellent material for outdoor planting.

White

- ***WHITE BEAUTY 4.** The finest in this class, but also the latest to bloom. The beautiful globular flowers are of great size and substance. A sport of Pink Beauty and a worthy companion to it in the border. Height, 12 inches. \$1.95 per dozen, \$15 per 100.
- ***WHITE HAWK 2.** A superb bedding variety and one of the finest for growing in pots or pans. The flowers are pure white, of great substance and unusual grace because of the crinkled edges of the petals. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

Pink

- ***FORTUNA 2.** Large, oval-shaped flower of satin rose suffused with fawn, turning soft rose with advancing age. Sturdy stems. Height, 14 inches. \$1.95 per dozen, \$15 per 100.
- ***PINK BEAUTY 4.** When the bloom opens it is white with a narrow pink edge. As it develops, the whole flower turns to a lively cherry-rose, with white base starred yellow. Among the handsomest of the dark pinks. Height, 12 inches. \$1.95 per dozen, \$15 per 100.
- ***CULLINAN 2.** Sport of Flamingo. Creamy white, edged delicate rose. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

Carmine-Rose

***CRAMOISI ROYAL 2.** Bright carmine-rose. Large flower of unusual substance on a tall, strong stem. Unsurpassed for forcing. The bulbs should not be covered as deep for forcing as others of this class; otherwise the stems show a tendency to be too tall. Height, 15 inches. \$1.95 per dozen, \$15 per 100.

***PROSERPINE 1.** A silky carmine-rose of large size. Hand-some globe shape and pleasing fragrance. It is a fine indoor as well as bedding variety. Height, 14 inches. \$1.95 per dozen, \$15 per 100.

Orange

***DE WET 3.** An outstanding variety for bedding and forcing. Golden yellow, flushed and stippled deep orange, softened by a golden sheen. The flowers are large and delicately scented. Height, 16 inches. \$1.95 per dozen, \$15 per 100.

HOBHEMA 4. Old-rose, flushed buff. Blooms late and bridges the gap between the early and May-flowering sorts. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

***PRINCE OF AUSTRIA 3.** Large, sweet-scented flower on a tall, strong stem of long-lasting quality. Rich orange-scarlet. Height, 16 inches. \$1.95 per dozen, \$15 per 100.

***FRED MOORE 2.** Soft, rosy terra-cotta with edge of petals shaded orange-yellow and base of cup marked olive-green. Flowers of medium size, sweet-scented. Height, 15 inches. \$1.95 per dozen, \$15 per 100.

Purple

***VAN DER NEER 2.** Brilliant violet-purple, a shade different from that found in any other Tulip. The flowers are large, of elegant form and supported by strong stems. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

***CERISE GRIS-DE-LIN 4.** Dark carmine-violet, shaded fawn, creamy white margin. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

Scarlet

All scarlet varieties should be forced slowly at the start; otherwise they are apt to be green-tipped.

***VERMILLON BRILLANT 2.** Brilliant vermilion, with yellow base—among the brightest of red Tulips. A very good early forcer and a splendid bedder. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

***COULEUR CARDINAL 4.** Bright crimson-scarlet. An unusually substantial flower, with a tall, strong stem. Fine bedder and late forcer. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

***DUC VAN TOL SCARLET 1.** The earliest to bloom. Especially useful for rock garden; dwarf. Height, 8 inches. \$1.95 per dozen, \$15 per 100.

Red and Yellow

***KEIZERSKROON 2.** As a bedding variety it stands alone, with bright crimson-scarlet flowers, each of which is edged with a deep, rich yellow border. Of tremendous size for an early variety and of long-lasting qualities. Height, 16 inches. \$1.95 per dozen, \$15 per 100.

Yellow

***RISING SUN 2.** Deep golden yellow. A real giant on a long, strong stem. Height, 16 inches. \$1.95 per dozen, \$15 per 100.

***GOLDFINCH 2.** Deep yellow; sweet-scented. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

***MON TRESOR 1.** Large, golden yellow. One of the earliest forcers. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

SINGLE EARLY MIXTURE

Selected bulbs, all colors. \$1.95 per dozen, \$15 per 100.

DOUBLE EARLY TULIPS

Although not so elegant in form as the single varieties, these are an exceedingly useful class of Tulips, producing a brilliant effect when planted in beds. Admirably adapted for forcing and making a fine display when grown in pots or pans, but they should be forced slowly.

Rose

***TRIUMPHATOR 2.** A lovely rose-pink shade overlaid with white. One of the finest for beds and borders since the very double flowers are supported by strong stems. Height, 14 inches. \$1.95 per dozen, \$15 per 100.

***PEACH BLOSSOM 2.** Bright rose-pink deepening to carmine-rose as it grows older. Well-shaped, large flowers of good lasting qualities. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

***MURILLO 2.** Delicate rose-pink, flushed white. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

Yellow and Orange

***MARECHAL NIEL 2.** A fine variety of superb form and color. Pleasing canary-yellow with soft orange tints—a combination as rare as it is beautiful. Height, 11 inches. \$1.95 per dozen, \$15 per 100.

***COURONNE D'OR 1.** Golden yellow, flushed orange-red. One of the very best for growing in pots. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

***TEA-ROSE 2.** Soft pale yellow, tinged light rose. The color is exactly that of the old tea rose. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

***EL TOREADOR 2.** Bright orange-scarlet, with a broad border of buff-yellow. One of the most beautiful double Tulips. Height, 13 inches. \$1.95 per dozen, \$15 per 100.

White

***SCHOONOORD 2.** Large, very full, white flower. Splendid forcer and bedder. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

Scarlet

***VUURBAAK 2.** Fiery scarlet, tinged orange. Large flower on a strong stem. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

***LE MATADOR 3.** Rich glowing scarlet flushed purple. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

Yellow

***GOLDEN GIANT 3.** Large, clear yellow flower. Superb for exhibition purposes. Height, 14 inches. \$1.95 per dozen, \$15 per 100.

***MR. VAN DER HOEF 2.** Pure yellow; a sport of Murillo, and has all the good qualities of that variety. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

Violet

***ELECTRA 2.** A violet sport of the well-known Murillo. Very fine color. Height, 12 inches. \$1.95 per dozen, \$15 per 100.

DOUBLE EARLY MIXTURE

Selected bulbs, all colors. \$1.95 per dozen, \$15 per 100.

DAFFODILS

are a lovely sight
in the spring



MRS. E. H. KRELAGE
See page 18



SCARLET ELEGANCE
See page 19



LORD WELLINGTON
See page 18



FIRETAIL
See page 19

THE large trumpet Daffodils, joined by the medium-sized and small members of the Narcissus family, make the first large showing of color among spring-flowering bulbs. All the exquisite tints from orange-red to golden yellow, sulphur, cream and snowy white are represented, with newer sorts of apricot and pinkish tones. Blue-flowering bulbs combine well with them.



MRS. R. O. BACKHOUSE
See page 18



BEERSHEBA
See page 18



KING ALFRED
See page 18

MUSCARI
See page 27



ORANGE GLOW
See page 19

NARCISSUS or DAFFODILS

The terms Narcissus and Daffodil are interchangeable, although there exists a tendency to apply the term Narcissus to the small-flowering groups like Poeticus, Leedsii, Barrii and Incomparabilis, while the larger-flowered Trumpet varieties are most frequently referred to as Daffodils.

Soil and Its Treatment. Narcissus will thrive in any ordinary garden soil but prefer a deep, rather moist, sandy loam. When the soil is of a dry and sandy nature, it should be deeply dug, if possible at least a season before planting the bulbs, with composted leaves or well-rotted cow manure added and a vegetable or annual crop grown on the ground. Before the bulbs are planted, a sprinkling of lime should be spread on the surface and then raked in. It is also beneficial to add bonemeal at the rate of 1½ ounces to the square yard while digging the soil. *Never* use fresh manure of any kind at planting time—it burns the roots. On very poor and dry sandy soils we recommend the addition of about 1 ounce per square yard of sulphate of potash to be sprinkled over the surface of the ground after planting.

Naturalizing in Grass, etc. All Narcissus will grow equally well in the open or in partial shade. In the flower border, to obtain the best effect they should be planted in large groups of irregular outline, each group or clump to contain one variety only. Avoid straight lines, circles, and symmetrical designs. In the hardy border, masses of Narcissus can be planted between clumps of herbaceous plants, which hide as well as shelter the foliage later in the season.

TRUMPET NARCISSUS

Trumpet or crown as long as or longer than the perianth segments.

We offer *only* finest quality Double Nosed Extra Selected bulbs, true to name. We guarantee that every hundred bulbs will produce from 200 to 300 flowers, depending on the variety. Please consider this factor when comparing prices.

Yellow

LORD WELLINGTON 3. Both trumpet and perianth are rich golden yellow. The flowers are enormous in size, extraordinarily well formed and of good substance. The tall stems and broad foliage compare well with the exceptionally large flowers. \$3.20 per dozen, \$25 per 100.

INSURPASSABLE 3. The large flower is beautifully proportioned. Long, bold, rich golden yellow trumpet with overlapping petals in the same color. Tall, strong stem. \$3.80 per dozen, \$30 per 100.

GOLDEN HARVEST 1. Uniform golden yellow. A giant among the giants. Early forcer. \$3.20 per dozen, \$25 per 100.

MAGNIFICENCE 1. Large, deep golden yellow, with graceful perianth and deeply serrated trumpet, well proportioned and gracefully carried on a tall, strong stem. Early forcer. \$2.60 per dozen, \$20 per 100.

Specially prepared selected bulbs for early forcing. \$3.20 per dozen, \$25 per 100.

KING ALFRED 1. Considered the best among the yellow trumpets. Large, long-lasting, golden yellow flower of distinctly refined shape and deeply frilled trumpet recurved at mouth. One of the earliest and most valuable for forcing and the garden. \$2.90 per dozen, \$22.50 per 100.

Specially prepared selected bulbs for early forcing. \$3.50 per dozen, \$27.50 per 100.

COVENT GARDEN 2. Refined trumpet and perianth of uniform yellow. Medium-sized flower, well proportioned, with flat, overlapping perianth. \$4.35 per dozen, \$35 per 100.

ROBERT SYDENHAM 2. The huge trumpet is golden yellow, heavily frilled and glittering as though sprinkled with gold dust. Soft sulphur-yellow perianth of exceptional symmetry. \$3.20 per dozen, \$25 per 100.

THE FIRST 1. A sulphur-yellow trumpet with perianth of the same color, which has replaced the popular old Emperor. It blooms much earlier, is a very robust grower and bears its large flowers on very tall, strong stems. One of the first to bloom. \$1.95 per dozen, \$15 per 100.

Specially prepared selected bulbs for early forcing. \$2.60 per dozen, \$20 per 100.

White or almost White

Varieties with white or pale primrose trumpet and white perianth.

BEERSHEBA 3. Rated as the choicest among the large white trumpet varieties. Trumpet and perianth are almost pure white and very well proportioned; either as a cut flower or in the garden it will last a long time. \$3.80 per dozen, \$30 per 100.

ROXANE 3. Considered one of the most outstanding white Daffodils. Large, refined, well-formed perianth and broad trumpet almost white in color. \$2.60 per dozen, \$20 per 100.

MRS. R. O. BACKHOUSE 3. The famous pink Daffodil. Perianth is creamy white, with a long, graceful, deeply fringed trumpet of clear pale apricot, tinged deeper at edges. A most unusual and charming variety and a worthy addition to any collection. \$5.50 per dozen, \$45 per 100.

LOVENEST 3. One of the very few members of the pink Daffodil class. Starry-shaped perianth of informal type; well-proportioned trumpet of saffron-yellow turning to soft apricot-pink. \$3.20 per dozen, \$25 per 100.

MRS. ERNEST H. KRELAGE 3. Described by connoisseurs as one of "the finest among the ivory-white Daffodils." The flowers are of distinctive shape with elegantly disposed petals and creamy white trumpet. \$2.60 per dozen, \$20 per 100.

Bicolor

Varieties with white or whitish perianth and a yellow or primrose trumpet.

AEOLUS 2. The snow-white petals are flung wide from the long yellow trumpet, which is heavily frilled and has a recurved brim. This is one of the largest and most perfect bicolors. The flower is slightly tilted upward, presenting its beauty direct to the eye. \$3.20 per dozen, \$25 per 100.

QUEEN OF BICOLORS 2. This striking new variety with large, much overlapping pure white perianth and canary-yellow trumpet is a very strong and vigorous grower. Highly recommended and a good forcer. \$3.20 per dozen, \$25 per 100.

PRESIDENT LEBRUN 2. The well-formed, large, overlapping white perianth holds forth an elegantly curved trumpet of lemon-yellow. Large flower of very good substance. \$3.20 per dozen, \$25 per 100.

BARRII NARCISSUS

Cup or crown measuring less than one-third the length of the perianth segments.

POMONA 2. Smooth, overlapping white perianth with deep orange cup, which holds its color exceptionally well. A novelty both for the garden and for exhibition. \$3.80 per dozen, \$30 per 100.

THERAPIA 3. The whole flower is finely proportioned. Perianth is creamy white, with a large flat cup of deep orange. A vigorous grower and splendid show flower. \$3.80 per dozen, \$30 per 100.

SERAGLIO 4. A most distinguished flower carried on a tall, strong stem. The well-overlapping, creamy white perianth holds forth a well-proportioned cup of deep orange. \$3.20 per dozen, \$25 per 100.

VERGER 3. The combination of pure white perianth and glowing deep red cup gives the flower a distinctive appearance. Recognized as a leader in its class. \$3.20 per dozen, \$25 per 100.

LADY DIANA MANNERS 3. Broad, pure white perianth with a large, fluted yellow cup frilled blood-red. Very free flowering and an excellent forcer. Highly recommended for exhibition purposes. \$1.95 per dozen, \$15 per 100.

FIRETAIL 3. Broad-petaled, creamy white perianth and large orange cup with scarlet-orange frill. Especially recommended for forcing. \$1.85 per dozen, \$14 per 100.

ALCIDA 3. Large flower with creamy white perianth and broad citron-yellow cup, frilled blood-orange. A strong, free-flowering variety. One of the latest of the Barrii group. \$2 per dozen, \$15 per 100.

EXPECTATION 3. Equally decorative when grown in pots or in the garden. Large, spreading, pure white perianth; cup pure yellow with orange-red margin, artistically fluted and frilled. \$2 per dozen, \$15 per 100.

NOBILITY 3. Large, perfectly formed flower. Perianth creamy white; flat crown is deep orange-red. A beautiful novelty for the garden. \$1.95 per dozen, \$15 per 100.

INCOMPARABILIS NARCISSUS

Cup or crown measuring from one-third to nearly equal the length of the perianth segments.

FORTUNE 1. Broad, creamy yellow perianth of very solid texture; crown of great size and good form, opening at mouth, of a glowing soft orange color. A good grower and early bloomer, opening about the same time as King Alfred. \$4.35 per dozen, \$35 per 100.

JOHN EVELYN 3. Deservedly an international favorite; outstanding among the Incomparabilis hybrids. The flat-opening perianth, pure white without a trace of shading, and the flat, densely frilled cup of lemon-yellow, fluted to the base, make it one of the greatest Daffodils of the present day. It is a fine exhibition flower. \$1.95 per dozen, \$15 per 100.

SCARLET ELEGANCE 2. Large perianth of deep golden yellow; brilliant flame-orange cup. Of perfect form and good substance. It is one of the best varieties for exhibition. \$2.60 per dozen, \$20 per 100.

CARLTON 2. Both perianth and cup are of clear soft yellow. The flat perianth is broad and overlapping and the large expanded cup is nicely frilled. Free flowering and especially recommended. \$1.95 per dozen, \$15 per 100.

AGRA 3. The perianth is white and the large cup is brilliant orange-scarlet, which does not fade in full sun. It is a vigorous grower and a long-lasting, free bloomer. One of the finest varieties for the garden. \$3.20 per dozen, \$25 per 100.

MONIQUE 2. Very large flower with flat, overlapping perianth of pure white and widely expanded cup of golden yellow, edged orange. A glorious flower of good lasting quality. \$2.60 per dozen, \$20 per 100.

MERAPI 3. Creamy yellow perianth with large orange-red cup. A most unusual flower, particularly suited to show purposes. \$3.80 per dozen, \$30 per 100.

BARTIZAN 2. Lovely soft yellow, flat perianth with trumpet-shaped cup of orange-red. An outstanding variety, especially recommended. \$2.60 per dozen, \$20 per 100.

ABELARD 3. Broad yellow cup, edged orange, with strong orange anthers. The primrose perianth is exceptionally long lasting. \$3.80 per dozen, \$30 per 100.

ORANGE GLOW 2. One of the largest of the Incomparabilis Narcissus, measuring normally 4 inches in diameter. Golden yellow with a deep orange cup, beautifully frilled, which does not fade so readily in full sun. Fine forcer. \$1.95 per dozen, \$15 per 100.

DORINE 3. One of the finest novelties. The slightly overlapping, creamy yellow perianth has as its crowning glory a large, dark orange cup. Tall, vigorous grower. \$3.20 per dozen, \$25 per 100.

FRANCISCUS DRAKE 3. The twisted perianth is silvery white, while the large bold crown is of bright orange-red, deeply fluted and frilled. A striking novelty on account of its brilliant cup. \$1.95 per dozen, \$15 per 100.

ALCESTE 3. Superb snow-white and darkest yellow. Texture like soft parchment and perfection in points of symmetry. \$1.95 per dozen, \$15 per 100.

RED CROSS 3. The flowers are of great size, with primrose-yellow perianth and very large crown of deep yellow, densely frilled deep orange. \$2.60 per dozen, \$20 per 100.

HELIOS 1. Creamy yellow, star-shaped perianth, with slightly frilled, pale orange cup that changes to a lovely deep yellow after flowers are fully open. Of very good substance and refined appearance. \$1.95 per dozen, \$15 per 100.

Specially prepared selected bulbs for early forcing. \$2.75 per dozen, \$20 per 100.

CROESUS 3. This variety prefers partial shade, for the cup is apt to fade in full sunshine. The light canary-yellow perianth is of perfect form and the broad fluted cup is rich orange-red. \$1.60 per dozen, \$12 per 100.

POETAZ NARCISSUS

A fine race of Narcissus resulting from across between Poeticus Ornatus and the finest varieties of Polyanthus or Bunch-flowered Narcissus. They are tall and vigorous growers, bearing heads of large, well-formed, fragrant flowers.

EARLY PERFECTION 2. Perianth pure white; cup citron-yellow. The earliest of the Poetaz varieties. Highly recommended for forcing and exhibition. \$1.95 per dozen, \$15 per 100.

GLORIOUS 3. Delightfully informal in habit; perianth white, with deep orange-yellow cup, edged scarlet. Fine for semi-shade; very early forcer, with three or four large flowers borne on tall, graceful stems. Highest standard for exhibition. \$1.95 per dozen, \$15 per 100.

SCARLET GEM 3. Deep golden yellow perianth and brilliant red cup combine to make this a very showy variety. Very free flowering, bearing from five to seven flowers on a stem. \$1.95 per dozen, \$15 per 100.

ADMIRATION 3. Sulphur-yellow perianth; sulphur-yellow eye with scarlet-red border. \$1.95 per dozen, \$15 per 100.

GERANIUM 3. Pure white perianth with large, deep orange-red cup. Very showy and free flowering, with five to seven blooms gracefully carried on each strong stem. \$1.95 per dozen, \$15 per 100.

GRANDEUR 3. Exceedingly free flowering. Perianth silvery white, with a broadly fluted, golden cup. \$1.95 per dozen, \$15 per 100.

LAURENS KOSTER 3. Pure white petals; yellow eye. A sturdy grower with five to seven flowers on a stem. \$1.60 per dozen, \$12 per 100.

Specially prepared selected bulbs for early forcing. \$2.25 per dozen, \$17 per 100.

LEEDSII NARCISSUS

Perianth white and cup or crown white, cream or pale citron, sometimes tinged with pale pink or apricot.

DAISY SCHAEFFER 3. Considered the best of the remarkable new Giant Leedsii type, this variety resembles a trumpet but is much more refined. The pure white perianth with primrose cup is tinted greenish yellow. As the flower ages, the cup becomes soft canary-yellow. \$2.60 per dozen, \$20 per 100.

GERTIE MILLAR 3. Pure white perianth and primrose cup, deeply fluted and frilled. A most handsome flower which will stand out for years to come; one of the finest for exhibition. \$2.35 per dozen, \$18 per 100.

MITYLENE 3. Broad, overlapping, snow-white perianth with flat primrose cup. Of perfect form and great substance. \$3.20 per dozen, \$25 per 100.

TUNIS 3. Large, creamy white perianth with large, trumpet-shaped, pale yellow crown. As the flower ages to white, edges of the crown become overlaid with a sheen of coppery gold. A magnificent, large, attractive variety of exceptional merit. \$3.20 per dozen, \$25 per 100.

SILVER STAR 2. The earliest blooming of this type. Broad, star-shaped perianth of creamy white, with finely proportioned, wide cup of primrose. Very free flowering. \$2.10 per dozen, \$16 per 100.

QUEEN OF THE NORTH 3. Broad, glistening white perianth and soft primrose-yellow cup with finely crinkled edge. Its strong stems make it particularly desirable for naturalizing. \$1.95 per dozen, \$15 per 100.

POETICUS NARCISSUS

These Poet's Narcissus all have snowy white perianth segments or petals and a flattened eye or crown, yellow or lemon, edged more or less deeply with scarlet or crimson, and sometimes mostly scarlet. All are more or less sweetly scented. Having very highly colored crowns, they should be cut young.

ACTAEA 4. White perianth of broad and overlapping petals with a flat lemon-yellow cup frilled deep red. The largest of the new Poeticus. Good forcer and wonderful for exhibition. \$1.65 per dozen, \$12.50 per 100.

Specially prepared selected bulbs for early forcing. \$2.25 per dozen, \$17.50 per 100.

HORACE 4. Snow-white perianth; large cup, almost entirely blood-scarlet. Free flowering and fine for forcing. \$1.60 per dozen, \$12 per 100.

RECURVUS 5. Narcissus may come and go, but old Pheasant's Eye will go on forever. Pure white perianth, with cup of deep orange-red. The latest flowering of this type. Excellent for massing and for naturalizing. \$1.35 per dozen, \$10 per 100.

DOUBLE NARCISSUS

MARY COPELAND 3. The most striking variety of the semi-double type; unsurpassed for garden or show purpose. The longer petals of creamy white are interspersed with shorter petals of lemon and brilliant orange. \$3.20 per dozen, \$25 per 100.

IRENE COPELAND 3. Very compact flower with pure white petals interspersed with creamy white. Large and very distinctive as to form and color. Good for garden and forcing. \$3.20 per dozen, \$25 per 100.

TWINK 1. One of the finest of the semi-doubles; very early and particularly suited for forcing. The longer petals of creamy white are interspersed with shorter petals of clear orange. \$2.35 per dozen, \$18 per 100.

CHEERFULNESS 4. Imagine two or three small gardenias on elegantly erect stems 17 inches high, and you have a fair picture of this remarkable variety. The creamy white perianth has broad, round, well-shaped petals, while the center consists of creamy yellow petals. The flowers are exquisitely scented. \$1.65 per dozen, \$12.50 per 100.



MARY COPELAND
See above

JONQUIL NARCISSUS

Very much prized for their delightfully scented flowers. Perfectly hardy in gardens or naturalized, also well adapted to indoor culture in pots.

TREVITHIAN 2. Broad, overlapping, smooth-textured perianth with medium-sized, shallow crown. Pale lemon-yellow throughout. Free flowering; fragrant. \$2.60 per dozen, \$20 per 100.

GIGANTEUS 2. Has no equal when it comes to size, perfume or vigor of foliage. A very fine, fragrant flower for cutting; golden yellow clusters of impressive size. Easily forced. \$1.60 per dozen, \$12 per 100.

GOLDEN SCEPTRE 2. Excellent for both outdoor and indoor culture. Of deep orange-yellow color and one of the largest flowering in this class. \$1.60 per dozen, \$12 per 100.

ODORUS RUGULOSUS 2. Rich yellow, single, sweet-scented Jonquil. Star-shaped flowers. \$1.35 per dozen, \$10 per 100.

RUGULOSUS FLORA PLENUS 2. The double sweet-scented Jonquil. Double, rich yellow flowers, very fragrant, and prized for cutting. \$1.35 per dozen, \$10 per 100.

TRIANDRUS NARCISSUS

PEARLY QUEEN 4. Bears two or three flowers on each stem. Star-shaped, cream-white perianth and short, clear lemon-yellow trumpet with a pearly sheen. Drooping habit, free flowering and a strong grower. \$2.60 per dozen, \$20 per 100.

THALIA 3. A most effective pure white variety producing three or four flowers on a single stem. The best of its class and fine for the rock garden. \$2.60 per dozen, \$20 per 100.

MIXED NARCISSUS

A really grand mixture of well-selected bulbs of many varieties. Splendid for naturalizing in woods. \$1.30 per dozen, \$9.75 per 100, \$95 per 1000.

Trade assortment. A good mixture but consisting of fewer varieties than the above. \$1.25 per dozen, \$8.75 per 100, \$85 per 1000



CHEERFULNESS
See above

What Constitutes Quality in Bulbs?

Throughout this catalog you will find that we stress the quality of "Bulbs in a Class All Their Own." Just what constitutes this peculiar characteristic called "quality"? What causes some bulbs to be more reliable bloomers than others? What causes the differences in size besides their age? And, finally, why is there so much difference in prices charged?

To begin with, we handle only extra selected, hand-picked bulbs. While being cured and handled in Holland, they are treated with the utmost care.

The results of careful treatment and handling never fail to show in our customers' gardens. Many disappointments and failures with tulip bulbs are directly traceable to the careless methods employed in curing, sorting, packing and shipping. Moreover, we guarantee our bulbs to be true to name; we will replace them if proved otherwise. This insures our customers' success with any color schemes they may plan.

Then there is the matter of size. Naturally larger bulbs, carefully handled, will bear more perfect flowers than those produced by smaller bulbs of the same variety. We select for our customers just the size bulbs of the different varieties that we feel will give the best results.

To explain sizes and varying prices in still another way: Prices vary a great deal. This is understandable if you know how bulbs are sorted in Holland. The large size is called No. 1, medium size is known as No. 2, while the small ones are No. 3. Naturally, No. 1 bulbs are worth more than No. 2 bulbs mixed with No. 1 size. Again, straight No. 2 bulbs would be worth more than No. 2 and No. 3 bulbs. The illustration will help the reader to understand why mixed sizes cannot be expected to produce the kind of flowers which straight No. 1 bulbs will produce.

Just as individuals of the human race vary in size, so do bulbs of different varieties of tulip vary. The variety Indian Chief, for instance, perfects a much larger bulb than the largest Clara Butt we have ever seen. Thus as our packages of bulbs reach you, you will find that the bags of the various varieties differ in size, even though all the bags contain the same number of bulbs.

And what has been said of tulip bulbs holds good in connection with all other bulbs and all the classes listed in this catalog. You can rely absolutely upon the uniform quality and subsequent performance of every bulb that comes from "Tulipdom".

BULBS FOR FORCING

NEW GIANT FREESIAS. *Finest quality, greenhouse-grown bulbs.*

APPLE BLOSSOM. Plant Patent 486. Delicate pink; strong grower. Fine exhibition variety. \$1.95 per dozen, \$15 per 100.

GIANT CREAM. Very large; cream-yellow, with a distinct orange-yellow throat. Very tall, vigorous grower and very fragrant. \$1.95 per dozen, \$15 per 100.

BRONZE GIANT. Striking combination of copper and bronze. \$1.95 per dozen, \$15 per 100.

KING OF THE YELLOWS. Plant Patent 488. An outstanding yellow variety producing large flowers on a strong stem. \$1.95 per dozen, \$15 per 100.

MARYON. Plant Patent 32. Violet-mauve, very attractive as to color and size. \$1.95 per dozen, \$15 per 100.

SNOWSTORM. Plant Patent 487. Pure white, very large flower on a tall, strong stem. \$1.95 per dozen, \$15 per 100.



BULBS FOR FORCING, Continued

TULIPS PREPARED FOR VERY EARLY FORCING

Specially prepared Tulips for early forcing were introduced some years ago. The excellent results obtained give us every reason to believe that the demand for these prepared bulbs will increase. Numerous experiments over a period of many years have been necessary in order to perfect the method of preparing these bulbs, and we now offer them with every confidence that results will prove entirely satisfactory.

The bulbs should be potted immediately on receipt and can be brought into the greenhouse in early December. The exact date will depend upon the growing season in Holland. Each season, our trials in Holland enable us to keep our customers informed as to the best date to bring the pots into the greenhouse. They should be exposed to full light immediately after being brought in. A temperature of 60°-70° should be maintained; otherwise the stems will grow too tall.

Prepared bulbs are not carried in stock here at Oyster Bay. They must be ordered by number. Your order should reach us not later than August 15.

Blooming time:

Before Christmas.....	Variety 1, soft carmine-red.
	Variety 2, geranium-red.
Between Christmas and New Year.....	Variety 3, brilliant red.
	Variety 4, lilac-rose.
First week of January....	Variety 5, carmine-red, edged white.
	Variety 6, orange-red.
	Variety 7, white.
	Variety 8, rosy pink.
About January 15.....	Variety 9, carmine-red, edged white.
	Variety 10, white.
	Variety 11, deep crimson-red.
	Variety 12, light red.

Any variety as numbered above, \$14 per 100

MENDEL TULIPS SPECIALLY RECOMMENDED FOR FORCING

This race of Tulips is the result of crossing Duc Van Tol Single Early Tulips, and Darwins, in order to obtain varieties possessing the good qualities of both classes. Mendels have the early forcing qualities of the Single Early and the stems are nearly as tall as those of the Darwins.

All varieties force very readily and are recommended for this purpose only. For the garden we strongly recommend the Triumph varieties, which bloom at the same time as the Mendels—about ten days before the May-flowering kinds.

The date mentioned is the earliest that particular variety may be brought into the greenhouse.

FRIDJOF NANSEN. Brilliant red. Large flower on a strong stem. One of the best in this class. Height, 16 inches. Dec. 25. \$1.60 per dozen, \$12 per 100.

IMPERATOR. Soft carmine-red. Large flower on a stiff stem, lasting a long time in bloom. Height, 15 inches. Dec. 15. \$1.60 per dozen, \$12 per 100.

JOHN GAY. This is a beautiful warm orange-red, elongated flower on a strong stem. Height, 14 inches. Dec. 15. \$1.60 per dozen, \$12 per 100.

KRELAGE TRIUMPH. Medium-sized flower of crimson-red with black base. Very early forcer. Height, 14 inches. Dec. 15. \$1.60 per dozen, \$12 per 100.

SCARLET WONDER. Geranium-red, medium-sized flower. Height, 16 inches. Dec. 25. \$1.60 per dozen, \$12 per 100.

SUPERBA. Bright cochineal-red, medium-sized flower on a strong stem. Height, 16 inches. Dec. 25. \$1.60 per dozen, \$12 per 100.

VAN DER EERDEN. Glowing rosy red, suffused purple. Very easy forcer. Height, 15 inches. January 10. \$1.60 per dozen, \$12 per 100.

WHITE SAIL. Opens creamy white, turning to pure white. The only white Mendel now reasonably priced. Height, 16 inches. Dec. 25. \$1.60 per dozen, \$12 per 100.

DAFFODILS PREPARED FOR EARLY FORCING

A special process of curing and precooling shortens the growing period for forcing Daffodils so that they may be brought into flower at least three weeks in advance of the untreated bulbs. They are therefore invaluable in that they can be flowered for Christmas and throughout the holiday season. The bulbs should be potted immediately on receipt and buried outside with a good mulch to keep out the frost. In from seven to ten weeks, depending on the variety, the flower buds will have become sufficiently advanced that they may be noticed inside the foliage. The bulbs should not be brought into the greenhouse until they have developed to the point where the buds have appeared through the neck of the bulb. In the greenhouse at a temperature of 60 degrees they will bloom in from four to five weeks.

ACTAEA. Poeticus. White perianth, cup rimmed red. Extra selected bulbs prepared for January flowering. \$2.25 per dozen, \$17.50 per 100.

HELIOS. Incomparabilis, the earliest of all. Creamy yellow perianth, pale orange cup. Extra selected bulbs especially prepared to bloom before Christmas. \$2.60 per dozen, \$20 per 100.

KING ALFRED. Trumpet, golden yellow. Extra selected bulbs prepared for Christmas flowering. \$3.50 per dozen, \$27.50 per 100.

LAURENS KOSTER. Poetaz. White perianth with yellow eye. Extra selected bulbs prepared for early January flowering. \$2.25 per dozen, \$17 per 100.

MAGNIFICENCE. Trumpet deep golden yellow. Extra selected bulbs especially prepared to bloom before Christmas. \$3.20 per dozen, \$25 per 100.

THE FIRST. Trumpet, yellow, similar to Emperor but much larger. Extra selected bulbs which may be brought into bloom a week before Christmas. \$2.60 per dozen, \$20 per 100.

LILY-OF-THE-VALLEY

LILY-OF-THE-VALLEY PIPS. Selected, imported pips in case lots of 250. \$50 per case.

LILY-OF-THE-VALLEY CLUMPS. American-grown, extra-heavy clumps for immediate effect. \$6.25 per dozen, \$50 per 100.

BULBS FOR HOUSE CULTURE

Suitable for house culture only, for growing indoors in pots, as well as in pebbles and water. Should be started in a cool, dark place for a few weeks to induce good root growth. Plant in succession for a continuation of bloom.

PAPER-WHITE GRANDIFLORA. The most popular of all Narcissus for indoor growing. Produces numerous pure white flowers on a single stem. May be had in bloom eight weeks from time of planting. Results not guaranteed. Extra selected, \$1.60 per dozen, \$12 per 100.

GRAND SOLEIL D'OR. Resembling Paper-whites in habit but yellow in color; bright orange cup. \$1.85 per dozen, \$14 per 100.

FRENCH ROMAN HYACINTHS. These bulbs are invaluable for winter flowering in the house. Each bulb produces from four to five flowering spikes. Used extensively for Christmas forcing. Bulbs planted in September will bloom in December. White, extra selected, \$4.35 per dozen, \$35 per 100.

CROCUSES SPRING-FLOWERING

The Crocus is one of the loveliest of all spring flowers. Soon after the snowdrops have put in their appearance come the Crocuses, with their large showy blooms of yellow, white, purple and stripes of lilac on a white ground. They must be grown in a more or less sunny place; otherwise the blooms do not open fully.

They are easily forced in a temperature of about 50 degrees, especially the top-sized quality bulbs which we offer. Please bear in mind that many so-called "first quality" Crocus bulbs do not belong in the top size. Extra quality is never in abundance.

We guarantee all Crocus bulbs offered to be strictly top size unless mentioned otherwise.

Blue, Purple and Lilac

PAULUS POTTER. Violet-purple. 90 cts. per dozen, \$6 per 100.

PURPUREA GRANDIFLORA. Purple; the largest of all Crocuses. 90 cts. per dozen, \$6 per 100.

THE BISHOP. Dark blue. 90 cts. per dozen, \$6 per 100.

ANTIGONE. Blue, light bordered. 90 cts. per dozen, \$6 per 100.

REMEMBRANCE. Sky-blue, free flowering. 90 cts. per dozen, \$6 per 100.

KING OF THE BLUES. Dark blue. 90 cts. per dozen, \$6 per 100.

Yellow

LARGE YELLOW. Top size. 90 cts. per dozen, \$6 per 100.

Striped

KING OF THE STRIPED. Blue striped. 90 cts. per dozen, \$6 per 100.

LA MAJESTUEUSE. Lilac striped. 90 cts. per dozen, \$6 per 100.

White

KATHLEEN PARLOW. Large, pure white flower of very good substance. 90 cts. per dozen, \$6 per 100.

SNOWSTORM. Pure white; very free flowering. 90 cts. per dozen, \$6 per 100.

QUEEN OF THE WHITES. 90 cts. per dozen, \$6 per 100.

Crocus Mixture

Top size. 75 cts. per dozen, \$5 per 100.

EREMURUS

A noble group of hardy plants from the Himalayas. The enormous, stately flower stalks, often 6 to 10 feet tall, rise majestically from a tuft of long narrow leaves and are crowned by flower spikes 2 to 3 feet long. These spikes are composed of hundreds of closely set, star-like flowers in beautiful shades of rose, yellow, bronze and white.

Eremurus should be planted in the early fall, 4 inches deep. They enjoy a well-drained, rich soil and a sunny location, and may be left undisturbed for years. Although perfectly hardy, they should have a heavy mulch of salt hay or leaves the first year after planting. When fully established, a mulch of old cow manure is sufficient. When flowering time is over, the plant disappears entirely, but reappears very early in the spring, when it is advisable to place a paper bag or flower pot over the young crown to protect it from late frost.

BUNGEI. Golden yellow flowers borne on spikes 5 to 6 feet high. Very beautiful. \$3 each, \$36 per dozen.

ELWESIANUS. Pink flowers thickly set in enormous spikes. Very vigorous. Blooms the beginning of June. Height, 8 to 10 feet. \$3 each, \$36 per dozen.

ELWESIANUS ALBUS. Pure white flowers on superb spikes. Same habit as Elwesianus, but blooms one week earlier. Height, 8 to 10 feet. \$3 each, \$36 per dozen.

OLGAE. Deep pink, sweet scented and densely set. A distinct species from Turkestan, with narrow leaves. Height, 8 feet. \$3 each, \$36 per dozen.

ROBUSTUS. Tall, strong plant and one of the finest. Flowers of rosy pink, a darker tone than that of Elwesianus. Will grow to a height of 10 feet when fully established. \$3 each, \$36 per dozen.

SHELFORD. The exterior of the coppery yellow flowers is tinted ruddy bronze. The flower spikes are 3 feet in length and closely set as in Bungei. Blooms just after Warei. Height, 6 to 7 feet. \$3 each, \$36 per dozen.

WAREI. Myriads of fine coppery pink flowers shot with bronze cover the 3-foot flower spikes. A rare hybrid of rich coloring and tall stature. Flowers just before Bungei. Height, 6 to 8 feet. \$3 each, \$36 per dozen.

Above prices are based on extra heavy roots that are guaranteed to bloom the first year after planting.

HYACINTHS

In beds or borders. Hyacinths should be planted 4 inches deep from the crown of the bulb to the surface of the soil or less, according to size, and about 6 inches apart or more, according to the number of bulbs available for a given space. The soil should be made moderately firm. After planting, the beds must be mulched with litter as a protection against severe weather. All varieties listed are suitable for both forcing and outdoor planting. For outdoor beds or borders, first-size bulbs produce flowers less top-heavy than those from exhibition bulbs.

Culture in pots. The pots for all bulbs should be well drained, the soil made moderately firm, and a little sharp sand dusted under the base of each bulb; then add more soil until one-third of the bulb appears above the surface.

After potting the bulbs, the pans may be plunged into a coldframe or in a sheltered spot in the garden. They should be covered with several inches of soil, and before severe frost sets in, they should be mulched heavily with leaves or straw. They may be lifted after January 1, provided the bud is already out of the bulb. Bulbs not sufficiently advanced should be left until developed.

Keep the pans in a dark cool spot until the buds extend sufficiently above the bulb. After the flowers are plainly visible, they should be kept in a slightly cooler temperature to promote sturdy growth of the plants. The flowers should not be exposed to strong sunlight at any time, for they are apt to fade. For indoor culture plant exhibition size bulbs of named varieties only.

EXHIBITION HYACINTHS

Top-size bulbs in any of the following named varieties, \$4.35 per dozen, \$35 per 100.

FIRST SIZE HYACINTHS

First size bulbs in any of the following named varieties, \$3.80 per dozen, \$30 per 100.

BEDDING HYACINTHS

These are much superior to the ordinary bedding Hyacinths and produce larger spikes.

Any of the following named varieties can be furnished in this size at \$3.20 per dozen, \$25 per 100.

(Continued on page 24)



EXHIBITION HYACINTHS

Selected bulbs of the highest quality, bound to produce the best results for exhibition. Also recommended where extra large spikes are wanted.

Rose

PINK PEARL 1. The large spike is closely set with bells of a distinct rose-pink. One of the finest varieties, recommended for the garden and for forcing.

FAVORITE 4. The compact flowers are broad, with long, nicely shaped bells; beautiful of form and of a distinct rose coloring. One of the latest to bloom. Forces about the beginning of February and is as completely satisfactory for forcing as for the garden.

PRINCESS MARGARET 3. The very large truss is compactly set with well-formed bells of soft pink. It is an excellent forcer for middle or late season and splendid for the garden.

JAN BOS 1. Long, deep carmine-red, spike of extra quality on a tall, strong stem. Very early forcer.

HERALD 3. The large spike is set with bells of a delicate clear rose; of perfect form and one of the earliest forcers.

ROSEA MAGNA 2. The fine broad truss is set with very large bells of deep rose color. Especially recommended for exhibition purposes.

QUEEN OF THE PINKS 4. Very lively pink; large spike, but should not be forced early.

LA VICTOIRE 1. Bright carmine-rose; deep pink when forced.

White

ZWANENDRIFT 3. The truss is closely set with large, well-formed bells of snow-white color. A truly fine exhibition variety and highly recommended.

ARENTINE ARENSEN 2. Snow-white. Especially recommended for early forcing.

L'INNOCENCE 1. Pure white, large bells of great substance. One of the best for both purposes.

Blue

DR. STRESEMANN 2. Deep blue, full, long truss of perfect form. One of the best in this color and an excellent exhibition variety.

DUKE OF WESTMINSTER 2. A gem of great beauty, admired wherever seen because of its distinct and attractive coloring. The medium-sized truss is set with large bells of clear purplish blue with white center. Of excellent forcing qualities.

SCHOTEL 2. Soft light blue; long, perfect truss. Easy forcer and splendid bedder.

KING OF THE BLUES 4. Rich dark blue. One of the largest.

MYOSOTIS 2. Gigantic flower of forget-me-not-blue.

PERLE BRILLANT 3. Light blue, tinged lavender. One of the best of the late blue varieties.

BISMARCK 1. One of the finest light blue Hyacinths. Enormous truss.

GRAND MAITRE 2. Deep lavender-blue, shaded dark blue.

Violet and Mauve

LORD BALFOUR 1. Lilac-rose, tinged dark violet. Enormous truss; very early.

QUEEN OF THE VIOLETS 3. Purplish violet. A sport of King of the Blues.

Yellow

(All yellow varieties produce small bulbs.)

PRINCE HENRY 3. Well-formed spike of clear yellow. The bells are large and well shaped. The best yellow for bedding and late forcing.

CITY OF HAARLEM 2. Clear Naples yellow, the best flower among the yellows. The truss is large and well formed.

YELLOW HAMMER 1. Golden yellow. Has the shape of a hammer, hence the name. Splendid early forcer.

Miscellaneous BULBS

Here are pictured some of the daintiest flowers of the whole garden year. They belong in masses in borders and in the rock garden where they provide the first breath of spring. Plant them freely for best effect.



SNOWDROPS
See page 30



CAMASSIA ESCULENTA
See page 27



GIANT-FLOWERING CROCUS
See page 23



GRAPE HYACINTHS
See page 27



CHIONODOXA
See page 27



SCILLA SIBIRICA
See page 30



SCILLA CAMPANULATA
See page 30

HARDY LILIES

Many of the late-flowering Lily bulbs are not ready before the end of November. Where the ground is likely to freeze, we advise the preparation of the Lily beds or borders early in autumn, covering with 4 to 6 inches of leaves or other litter to prevent the ground from freezing until the bulbs arrive. See that they have a well-drained position. Without exception, they prefer a half-shady, moist location, protected against the hot sun. The ground must be thoroughly spaded to a depth of 18 inches before planting Lilies and must be enriched by adding equal portions of leafmold, peat and rotten manure. Plant the bulbs 6 to 8 inches deep. Varieties like *Speciosum* require at least 8 inches. Put some sand under and around the bulbs to insure proper drainage. Cover the beds with 6 to 8 inches of leaves or other litter, which must be removed in late spring.

LILIUM CANDIDUM. Madonna Lily. One of the oldest, loveliest and best-known Lilies. Can be planted only in the fall. Spikes of white flowers in June. Extra heavy selected bulbs, \$10.50 per dozen, \$85 per 100. Selected bulbs, \$8 per dozen, \$65 per 100.

LILIUM HANSONII. This handsome and easily grown Lily produces waxy-textured flowers of bright orange-yellow, spotted brown. It bears six to twelve fragrant, nodding flowers of very good substance on each spike, clustered above broad whorls of leaves on stems 3 to 4 feet high. One of the finest and earliest Lilies. Prefers shade. The young shoots appear very early in the spring and should be protected. Stem rooting; plant about 10 inches deep. June flowering. Extra heavy selected bulbs, \$13 per dozen, \$100 per 100. Selected bulbs, \$10 per dozen, \$75 per 100.

LILIUM HENRYI. The orange-yellow *Speciosum*. A splendid garden plant, vigorous in growth and of easy cultivation, reaching 6 feet or more in height when established. Plant in late fall or early spring, 10 inches deep. July-August flowering. Extra heavy selected bulbs, \$7.50 per dozen, \$60 per 100. Selected bulbs, \$6.25 per dozen, \$50 per 100.

LILIUM REGALE, WHITE. Pure white sport of *Lilium Regale*. This variety is very scarce and early ordering is recommended. Extra heavy selected bulbs, \$13 per dozen, \$100 per 100.

LILIUM REGALE. Pure white bloom, with bright golden throat; outside white, tinted pink. Very wiry stem, growing from 2 to 3 feet tall, with many blooms to each stem. Perfectly hardy and will do well in any well-drained soil. July flowering. Jumbo bulbs, \$10.50 per dozen, \$85 per 100. Extra heavy selected bulbs, \$8 per dozen, \$65 per 100. Selected bulbs, \$5.75 per dozen, \$45 per 100.

LILIUM SPECIOSUM MAGNIFICUM. Massive flowers of rich ruby-carmine, margined white, measuring fully 8 inches across the petals and carried on a strong stout stem with dark green leaves. August flowering. Extra heavy selected bulbs, \$13 per dozen, \$100 per 100.

LILIUM TENUIFOLIUM. A charming little Lily with strongly recurving petals. The wiry stems carry numerous deep scarlet flowers. One of the most attractive Lilies for the rock garden or border. Likes a cool loam and partial shade. Plant in fall, 5 inches deep. June flowering. Extra heavy selected bulbs, \$2.60 per dozen, \$20 per 100. Selected bulbs, \$1.95 per dozen, \$15 per 100.

LILIUM TIGRINUM SPLENDENS. Showy spotted red-orange flowers throughout August and into September. Prefers a sunny situation. Bulbs should not be set deeper than 3 to 4 inches. \$3.25 per dozen, \$25 per 100.

DOUBLE PEONIES

FESTIVA MAXIMA. Large, ivory-white, feathery flowers, splashed crimson in center. Midseason. \$1.50 each, \$15 per dozen.

INSPECTEUR LA VERGNE. Vivid crimson with frilled center petals. The color shows a tinge of brown, which is something quite new in Peonies. Tall grower and very free flowering; one of the best new reds. \$2 each, \$20 per dozen.

JEANNOT. Delicate lavender-pink shaded salmon-pink at the base of petals, changing to silvery white. Exquisite in color, it is one of the best pinks. Late. \$1.75 each, \$17.50 per dozen.

KELWAY'S GLORIOUS. Large blooms of iridescent white with flesh tones and a few red flakes. Fragrant. Late mid-season. \$2.50 each, \$25 per dozen.

KING OF ENGLAND. Rich ruby-carmine. Semi-double. Mid-season. One of the finest. \$1.50 each, \$15 per dozen.

LADY ALEXANDRA DUFF. A showy, free-flowering variety of delicate pale pink fading rapidly to white; yellow stamens. Midseason. \$1.50 each, \$15 per dozen.

LA FRANCE. Large, compact rose type; uniform rose-white, richer in center and crimson-splashed on outer petals. Tall, strong, free flowering. Late. \$1.50 each, \$15 per dozen.

LE CYGNE. Charming, very large, globular, milk-white flower without markings. Medium height; erect, strong stems. Early. \$3 each, \$30 per dozen.

MARTHA BULLOCH. Enormous, cup-shaped flower of soft rose-pink, carried on a strong, erect stem. Free bloomer and vigorous grower. Perhaps the finest quality of any Peony of such large size. Late. \$1.75 each, \$17.50 per dozen.

MONS. JULES ELIE. Glossy pink shading to deep rose at base, with amber-yellow tints. Very large, full, globular flower, perfectly formed. Free flowering; strong and vigorous grower. A good cut flower and an excellent keeper. \$1.75 each, \$17.50 per dozen.

REINE HORTENSE. Very large, compact flower of uniform light shell-pink; center flecked crimson. Semi-rose type. A tall grower on strong stems. Midseason. \$1.50 each, \$15 per dozen.

SARAH BERNHARDT. Large flower of perfect form; apple-blossom-pink with few center petals amber-white, tinged salmon. A tall, strong, free-flowering variety. Very late. \$1.50 each, \$15 per dozen.

SOLANGE. A distinct creamy white suffused buff and pale salmon-pink. Strong grower of medium height. Late. \$1.75 each, \$17.50 per dozen.

THERESE. Very large and most attractive; glossy flesh, slightly shaded pink and paling toward the base. Strong grower. Free flowering. Midseason. \$1.75 each, \$17.50 per dozen.

MISCELLANEOUS BULBS

Just as the name "Tecla" stands for supreme pearls and "Gorham" means the ultimate in silverware, so does the name Zandbergen on your bulb packages signify that you get
"Bulbs in a Class All Their Own"

CAMASSIA ESCULENTA. Perfectly hardy bulbous plants that thrive well in any situation and are excellent for naturalizing. They bloom in June, producing flower spikes about 2 feet in height, bearing twelve to fifteen star-shaped flowers of a deep purplish blue color. They should be planted in early fall, about 4 to 5 inches deep, and may be left undisturbed for years. \$1.15 per dozen, \$8 per 100.

CHIONODOXA (Glory-of-the-Snow). The most beautiful of dwarf blue spring flowers, resembling *Scilla sibirica*, but larger and slightly taller. They are very hardy, thriving in any ordinary garden soil and in almost any situation.

GIGANTEA. Large blooms of soft gray-blue. 90 cts. per dozen, \$6 per 100.

SARDENSIS. True gentian-blue, with white center. 70 cts. per dozen, \$5 per 100.

LUCILIAE ALBA. Beautiful white. 90 cts. per dozen, \$6 per 100.

CYPRIPEDIUM ACAULE (Pink Lady's Slipper). Thick clusters of leaves flat on the ground. Large, bright purple-pink, upright flowers in early spring. One of the largest native Orchids. Height, 6 to 15 inches. Strong selected plants, \$4.50 per dozen, \$35 per 100.

CYPRIPEDIUM PUBESCENS (Common Lady's Slipper). Large, bright yellow flowers in May. Very fragrant. Height, 12 to 18 inches. Strong selected plants, \$4.50 per dozen, \$35 per 100.

CYPRIPEDIUM SPECTABILE (Showy Lady's Slipper). Extra strong grower, the finest and most showy of all. White to rose-colored flowers in June and July. Height, 1 to 2 feet. Strong selected plants, \$6.50 per dozen, \$50 per 100.

DIELYTRA SPECTABILIS. Better known as Bleeding-Heart. This is an excellent plant for the hardy border and especially valuable for shady situations. Bears long racemes of heart-shaped pink flowers and extremely graceful foliage. Not very particular as to soil. Strong clumps, \$1 each, \$10 per dozen.

ERANTHIS HYEMALIS (Winter Aconite). Particularly suitable for growing under trees and in shaded situations where relatively few flowers thrive. Golden yellow, buttercup-like blossoms are deeply set within emerald-green whorls of leaves that remain long after the flowers are gone. 70 cts. per dozen, \$5 per 100.

ERYTHRONIUM (Dog's-Tooth Violet). These April-blooming bulbs are perfectly hardy. Both the flowers and the richly mottled leaves are very attractive. The bulbs should be planted immediately on receipt, 5 inches deep. Any moist, loamy or gritty soil will do and light shade is preferable; 2 inches apart will be sufficient.

CALIFORNICUM. Large, cream-colored flowers; leaves richly mottled. \$1.60 per dozen, \$12 per 100.

CALIFORNICUM, WHITE BEAUTY. Lovely, large flowers, white, faintly tinged cream, usually banded maroon at the base. \$2.60 per dozen, \$20 per 100.

CITRINUM. More erect in habit; almost pure white in color, with strongly contrasting deep citron center. \$2.60 per dozen, \$20 per 100.

ERYTHRONIUM, continued

GRANDIFLORUM ROBUSTUM. The brightest color is buttercup-yellow. The leaves have no mottling but are plain green. Very attractive. \$2.60 per dozen, \$20 per 100.

HENDERSONII. Lovely light purple, with centers deep maroon. \$1.60 per dozen, \$12 per 100.

JOHNSONII. The large flowers are rose-pink and the leaves are mottled white and green. Very attractive. \$3.20 per dozen, \$25 per 100.

PINK BEAUTY. The very large flowers are white tinted lilac to purple with age. Very good grower. \$3.15 per dozen, \$24 per 100.

PRAECOX. An early-blooming variety. The leaves are mottled brown; the flowers are large and of a very fine rich cream color, richly banded maroon. \$2.60 per dozen, \$20 per 100.

FRITILLARIA MELEAGRIS. A cousin of Crown Imperial, bearing variously colored, bell-shaped flowers on gracefully pendent, dwarf stems. Very early flowering and particularly attractive in groups in the border or in the rockery. Plant about 6 inches deep. They last for years.

IN MIXTURE. \$1.35 per dozen, \$10 per 100.

IXIA. Charming bulbs for indoor winter blooming. Of easy culture, with long, slender, graceful spikes of very brilliant flowers. The colors include many shades of yellow, pink, scarlet and crimson. The center of the flower is always distinct in color from the outer parts, the effect of which is very striking.

CHOICE NAMED VARIETIES. \$1.35 per dozen, \$10 per 100.

LEUCOJUM VERNUM. Similar to snowdrops, but the flowers are much larger, borne on taller, stronger stems and are of more upright habit. It grows about 8 inches higher and bears large white flowers, the petals of which are tipped with green. Late April. Excellent for cutting. \$1.35 per dozen, \$10 per 100.

MERTENSIA VIRGINICA. (Virginia Bluebells). An early spring-flowering plant. Indispensable for the garden and for color effect among naturalized Narcissus. The plants grow from 1 to 2 feet in height, with drooping panicles of handsome porcelain-blue flowers, turning pink with age. Extra heavy clumps. \$3.20 per dozen, \$25 per 100.

MUSCARI (Grape Hyacinth). For planting in masses, either in shady places or where exposed to full sun. Plant in bold groups about 3 inches deep and 1½ inches apart. May flowering.

BOTRYOIDES (Blue Grape Hyacinth). 90 cts. per dozen, \$6 per 100.

BOTRYOIDES ALBUM (White Grape Hyacinth). 95 cts. per dozen, \$6.50 per 100.

HEAVENLY BLUE. Bright sky-blue. 90 cts. per dozen, \$6 per 100.

RANUNCULUS. Some flowers are very double, and some are semi-double. Centers are usually light green. Extra selected bulbs.

TECOLOTE GIANTS

Golden yellow shades
 Pink shades
 Red shades

White (white predominates)
 Yellow shades
 Mixed colors

Above shades, \$1.35 per dozen, \$10 per 100

Lilies to plant this fall

LILIES FOR FORCING

CROFT LILY. Pure white, with graceful foliage and fine texture. Generally recognized as the finest Lily for Easter pots. A strong and vigorous grower, dwarf in habit. Greenhouse temperature of over 60° will be required to bring it into bloom for next year's early Easter.

FLORIDII. A strain of Creole but grows somewhat shorter. May be brought into full bloom in from twelve to fourteen weeks at moderate temperature.

HARRISI. The Bermuda Easter Lily. Large, glistening white, trumpet-shaped flowers. Strong, vigorous grower.

Extra heavy selected bulbs of any of these varieties can be supplied at the usual time. Price will be quoted upon application.



**LILIUM
SPECIOSUM MAGNIFICUM**
See page 26

CALLA LILIES

Special stock for Greenhouse Culture

ÆTHIOPICA. The well-known white Lily-of-the-Nile. Extra selected bulbs, \$9 per dozen, \$70 per 100.

ELLIOTTIANA. Golden yellow. Extra selected bulbs, \$7.50 per dozen, \$60 per 100.



LILIUM CANDIDUM
See page 26



REGAL LILY
See page 26



AMARYLLIS HIPPEASTRUM SEED

A limited supply of an exceptionally fine strain of exhibition stock, which was originally imported from Holland. Hand pollinated. All colors, including white. \$5 per packet of 50 seeds, \$10 per 100 seeds.



EREMURUS
See page 23

The Eremurus or Desert Candle, as it is sometimes called, is one of the spectacular immigrants to American gardens. It makes an unusual accent plant, with flowers like huge exclamation points, in colors from white to yellow, pink and coppery tones. When well started, it soon grows into a large clump. \$3 each.



IRIS, WEDGWOOD

DUTCH IRIS

Exquisite shades, ease of culture, and great dependability cause these Iris to become increasingly popular from year to year. They are thoroughly at home in sandy soil, although they will do well in any soil that is not too heavy. Because of dainty form and strong, wiry stems, they lend themselves particularly to decorative arrangements. They readily force in moderate temperature. Outdoors they should not be planted in the same place in succession; new ground each year produces by far the best flowers.

IMPERATOR. Soft blue, very broad, strong standards. Large flower of intense coloring, recommended for late March forcing. \$1.60 per dozen, \$12 per 100.

WEDGWOOD. This particular hybrid is one of the best of all for forcing. It blooms readily and very early. The large flowers are borne on strong, tall stems. Standards are blue, while the falls are of a paler shade, each having a yellow blotch. \$1.60 per dozen, \$12 per 100.

WHITE EXCELSIOR. A splendid forcing variety that may be had in bloom as early as the end of February. Strong grower, bearing pure white flowers of enormous size. \$1.60 per dozen, \$12 per 100.

YELLOW QUEEN. One of the most striking of all yellow varieties. The wiry stems carry large flowers of great substance. Standards are a pale yellow, while the somewhat smaller and rounded falls are golden yellow. \$1.15 per dozen, \$8 per 100.



PEONY, MONS. JULES ELIE
See page 26

MISCELLANEOUS BULBS, continued

SCILLAS. All the varieties of the *Scilla campanulata* and *S. nutans* family are splendid for naturalizing, because they will flower in shady places, where almost any other flower will die. Both have bells like small hyacinths, on long, graceful spikes. The flowers of the Campanulata family are superior to those of the Nutans family, being of a larger size and brighter colors. Height, 15 inches. Plant bulbs from 2 to 3 inches deep (deeper in light soils) and about 2 inches apart.

SCILLA CAMPANULATA (Wood Hyacinths).

ALBA MAXIMA. Large, pure white. 90 cts. per dozen, \$6 per 100.

BLUE QUEEN. Large, porcelain-blue. One of the best. 90 cts. per dozen, \$6 per 100.

EXCELSIOR. Large, bright blue. Late. 90 cts. per dozen, \$6 per 100.

ROSE QUEEN. Soft lilac-rose. Very free flowering. 90 cts. per dozen, \$6 per 100.

SKY BLUE. Large, deep blue. Late. 90 cts. per dozen, \$6 per 100.

SCILLA NUTANS. The flowers are of the same bell shape as those of *S. campanulata*, but the arching stems cause the blooms to be more pendulous. In combination with daffodils it produces most charming effects.

ALBA MAJOR. White. 90 cts. per dozen, \$6 per 100.

BLUSH QUEEN. Delicate lilac-rose. 90 cts. per dozen, \$6 per 100.

COERULEA. The true English Bluebell. Violet-blue. 90 cts. per dozen, \$6 per 100.

DELICATA. Light lavender. 90 cts. per dozen, \$6 per 100.

ROSEA. Delicate rose. 90 cts. per dozen, \$6 per 100.

SCILLA SIBIRICA. The Siberian Squill bears small, drooping, bell-like flowers on short stems, 3 to 4 inches high. Most attractive for rockery or massing in borders. Should be planted about 3 inches deep.

SIBIRICA. Sky-blue. 90 cts. per dozen, \$6 per 100.

SIBIRICA ALBA. White. 90 cts. per dozen, \$6 per 100.

SPRING BEAUTY. A glorified form of Sibirica. The color is a brighter blue and the stem is taller. 95 cts. per dozen, \$6.50 per 100.

SNOWDROPS. These elegant little flowers, among the first to open in the spring, are also among the loveliest. They will thrive in almost any situation or soil, and should be planted as soon as possible in early fall.

NIVALS. Single Snowdrop. \$1.05 per dozen, \$7.50 per 100.

NIVALIS FLORE PLENO. Double Snowdrop. \$1.15 per dozen, \$8 per 100.

TRILLIUM. Bloom early in spring and thrive best in moist, shady situations.

ERECTUM. Purple Trillium, with broad leaves. \$1.95 per dozen, \$15 per 100.

GRANDIFLORUM. Large white flowers changing to lilac with age. \$1.95 per dozen, \$15 per 100.

STYLOSUM. Rose Trillium. Rose-pink flowers. \$2.60 per dozen, \$20 per 100.

WE GUARANTEE

We guarantee our stock to be true to name. No better bulbs can be bought at any price. If any customer receives stock that proves not true to name at blooming time, it is the result of an accident; in such a case we will send the customer stock of the variety ordered in the grade sent out in the first instance. He may keep the bulbs first received.

Promptly upon receipt of the bulbs the package and each individual bag within it should be opened so as to give the air access to the bulbs. A disregard of this point may impair their blooming power.

All bulbs we send out will grow and bloom under ordinary conditions, but we have no control over their environment and the care they receive after they pass out of our hands. We therefore cannot assume responsibility for the customer's failure to succeed with them, either on account of unfavorable weather or soil conditions, improper planting, neglect, moles or mice.

TERMS OF SALE

At prices quoted all bulbs will be delivered f.o.b. New York or Oyster Bay. They will be packed with special care, and arrival in perfect condition is guaranteed. If there are any delays in delivery or the shipment does not seem intact, we shall appreciate prompt advice. All prices are based upon present import duties. Should these be raised, an increase equivalent to added duties will be necessary and customers will be so advised. **25 bulbs of one variety will be priced at the 100 rate, 6 at the dozen rate.**

FREE DELIVERY

On orders accompanied by cash we deliver free to all points east of the Mississippi River.

TERMS OF PAYMENT

Customers of record will be billed at shipping time and the customary courtesies will be extended to all. New customers will oblige by giving satisfactory references. Please do not ask us to open an account for **less than \$10**. Smaller orders should be accompanied by cash. Personal checks always acceptable.

Address All Orders and Communications to

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LEIDEN-HOLLAND

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Supt. or Gardener _____ Check Enclosed for \$ _____
(THAT WE MAY ENTER HIS NAME FOR CATALOG)

QUANTITY	TYPE	NAMES OF VARIETIES	PRICE	
			\$	
		Amount carried forward \$		

Probably you have friends who would like to receive this catalog. If you will write their names and addresses on the back of this order blank, we will mail each a copy

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Gertie Millar	19
Giganteus	20
Glorious	19
Golden Harvest	18
Golden Sceptre	20
Grandeur	19
Grand Soleil d'Or	22
Helios	19,22
Horace	20
Insurpassable	18
Irene Copeland	20
John Evelyn	19
King Alfred	18,22
Lady Diana Manners	18
Laurens Koster	19,22

Lord Wellington	18
Lovenest	18
Magnificence	18,22
Mary Copeland	20
Merapi	19
Mitylene	19
Monique	19
Mrs. Ernest H. Krelage	18
Mrs. R. O. Backhouse	18
Nobility	19
Odorus Rugulosus	20
Orange Glow	19
Paper-White Grandiflora	22
Pearly Queen	20
Pomona	18
President Lebrun	18
Queen of Bicolors	18

Queen of the North	19
Recurvus	20
Red Cross	19
Robert Sydenham	18
Roxane	18
Rugulosus Flora Plenus	20
Scarlet Elegance	19
Scarlet Gem	19
Seraglio	18
Silver Star	19
Thalia	20
The First	18,22
Therapia	18
Trevithian	20
Tunis	19
Twink	20
Verger	18

